WORLD'S FINEST

ELECTRONIC SURPLUS

★ GOVERNMENT
★ COMMERCIAL

SINCE 1947

★ COMMUNICATIONS
★ TEST EQUIPMENT
★ COMPUTER COMPONENTS
★ ELECTRONIC PARTS

CATALOG WS-78

MAGNETIC RECORDER

PERTEC MODEL 7580-9 MAGNETIC DIGITAL RECEORDER. USES NINE CHANNELS: 8-BIT DATA, 1-BIT PARITY. DISCRETE TRANSISTOR AND TTL CIRCUITRY ALLOWS FOR THE FOLLOWING FUNCTIONS: LOAD, FORWARD, REVERSE, REWIND, WRITE-ENABLE, AND WRITE-LOCKOUT. RECORDER HAS INTERNAL POWER SUPPLY WHICH PROVIDES +5 VDC REG., -5 V REG., +13, -13 VDC, AND 22 VAC. REELS DRIVEN BY TWO 24 VDC MOTORS. CAPSTAN DRIVEN BY 24 VDC MOTOR TACHOMETER. ALL CONTROLS ARE DIRECTED BY LOGIC. NO COVER. SIZE: 8¾x19x9½ SHPG. WT: 35 LBS. USED, $150.00

VIDEO TERMINAL

795 VIDEO DISPLAY TERMINAL, 7x10" MAGNETICALLY-DEFLECTED CATHODE RAY TUBE. HAS INTERNAL 115 VAC 60 Hz POWER SUPPLY WHICH PROVIDES 15 V 2 AMPS, -15 V. 2 A, AND 4.5 V. 2 A. WITH INTERNAL DC-TO-DC CONVERTER, 10 KV SUPPLY, HORIZONTAL AND VERTICAL DEFLECTION AMPLIFIERS, AND INTERNAL MUFFIN FAN. ALSO CIRCUIT CARDS FOR POSITION AND UNBLANKING (39 TTL'S), TWO DIA CONVERTERS, AND INTEGRATOR AND LINE RECEIVER. CONTROLS FOR ON/OFF/INTENSITY, VERT-GAIN/POSITION, AND HORIZ. GAIN/POSITION. UNIT IS RUGGEDLY CONSTRUCTED. INCLUDES GOOD CRT AND POWER SUPPLIES AND EXTERIOR COVERS. SIZE: 15½x17½x21; SHPG. WT: 100 LBS. ACTUAL: 70 LBS. USED, $59.50

PAPER TAPE READER

SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL OUTPUTS AND HANDSHAKE. HAS 5.4 VDC 1.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR AND TWO 120 VAC 50-60 Hz 1000 RPM SYNCHRONOUS STEPPING MOTORS. CIRCUIT BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD 1" TAPE. 20½x10x16½; SH WT: 50 LBS. USED, W/COVER, $145.

MORE COMPUTER SURPLUS, PAGES 34, 35, & 36.

OS-8 OSCILLOSCOPE

OS-8/U OSCILLOSCOPE WITH 3RP1 CRT HIGHLY PORTABLE UNIT HAS DC TO 2 MHZ VERTICAL RESPONSE; DC TO 500 KHZ HORIZONTAL. VERTICAL AND HORIZONTAL SENSITIVITY: 0.075 V-RMS FOR 1" DEFLECTION. SWEEP RANGE: 3 TO 50 KHZ. INPUT IMPEDANCE; 9 MEGOHMS SHUNTED BY 11 MMF (DC). DIRECT ACCESS TO VERTICAL AND HORIZONTAL PLATES. POWER REQUIRED: 115 VAC 50-1000 Hz. SIZE: 9x6x13½; SH WT: 20 LBS PRICE: USED, REPARABLE, $44.50; CHKD. $69.50

TEST EQUIPMENT; SEE PAGES 31 THRU 34, & 36.

VINTAGE RADIO BOOKS

VINTAGE RADIO 1887-1929, A PICTORAL STORY OF THE EARLY YEARS OF RADIO AND WIRELESS. 1000+ PICS; 263 PP. SOFTBOUND, $8.95

1921-1932 RADIO COLLECTOR'S GUIDE; INFO ON THE OLD RADIOS FOR THE COLLECTOR. COVERS OVER 9000 RADIO MODELS BY 1100 MFG. 263 PP. SOFTBOUND, $6.95

MOST-OFTEN-NEEDED 1926-1938 DIAGRAMS; REPRINT OF BREITMAN'S SUPREME PUBLICATIONS BOOK OF SCHEMATICS FOR 600 RADIOS. 240 PP. SOFT-, $7.

SEE PP. 23, 34 FOR MORE BOOKS & TECH MANUALS

KSR TELETYPEWRITER

KSR-33 TELETYPEWRITER AND KEYBOARD, CAN BE ADAPTED FOR VARIOUS RTTY AND COMPUTER APPLICATIONS. SPEED: 100 WORDS PER MINUTE; 600 OPERATIONS PER SECOND. HAS THE FOLLOWING FUNCTIONS: CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT. UTILIZES ASC-II CODE WITH PARITY BIT. TAKES 8½" SPROCKET-FED PAPER. THIS IS A STANDARD ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF SOURCES. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 8½x18½x8½; SHPG. WT: 50 LBS. USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, $250. W/COVER, $300.

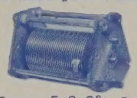
ROTARY INDUCTORS

ROTARY INDUCTOR, 103 uHY; 61 TURNS OF #10 TINNED-COPPER WIRE FORM 8¾"L x 3-3/8" DIA. COIL. SLIDING CONTACTOR TYPE; WITH COUPLER FOR ¼" DIA. SHAFT. OVERALL SIZE: 8x8x14; SHPG. WT: 21 LBS. #939-L6-LG, USED, $30.00

ROLLER INDUCTOR, 13.8 uHY; 24 TURNS #12 T-C WIRE IN 3¼"L x 2" DIA. COIL. ROLLER CONTACTS; LESS COUPLER. SHAFT: 3/8"L x ¼" DIA. OVERALL SIZE: 3x5x6; SHPG. WT: 8 LBS. #939-L44-MED USED, $12.95

ROLLER INDUCTOR, 1.3 uHY; 5¼ TURNS #12 T-C WIRE IN 1-1/8"L x 2" DIA. COIL. ROLLER CONTACTS; LESS COUPLER. 3/8"L x ¼" DIA. SHAFT. OVERALL: 3x5x4; SHPG. WT: 8 LBS. #939-L5-SM, USED, $6.95

100-TURN COUNTER WITH CRANK, TURNS FROM 0.1 TO 99.9; 3"x3" FRONT PLATE; 2¼"L x ¼" DIA. SHAFT WITH COUPLER. SHPG. WT: 3 LBS. #939-FREQ, USED, $9.95



ROTARY INDUCTANCE TUNER COIL THIRTY TURNS OF TINNED COPPER WIRE AROUND A 2" DIA. X 3" DIA. ISOLANTITE FORM; 23 U-HY 100 WATTS APPROX. ¼" DIA. SHAFT FOR COUPLING. SIZE: 5x3x3¾; SHPG. WT: 3 LBS. #AC55471, $10.

CERAMIC FLEXIBLE COUPLINGS, USABLE W/TUNERS.
#COUN006; 2x2 CROSS-TYPE, F/¼" SHAFT, $.59
#COUN007; 1-5/8" DIA. X ¾, F/¼" SHAFT, $.39
#COUN008; 2-5/8" DIA. X 2, F/3/8 SHFT. $.79

SSB CONVERTER

CV-157/URR SINGLE SIDEBAND CONVERTER FOR USE WITH THE R-390A OR EQUIVALENT RECEIVER. ALLOWS FOR RECEPTION OF SSB SIGNALS OCCUPYING 12 KHZ OF RF SPECTRUM DIVIDED INTO TWO 6 KHZ SIDEBANDS ON BOTH SIDES OF A REDUCED CARRIER OR AM OR PHASE MODULATED DOUBLE SIDEBAND SIGNAL. CONVERTER WILL HANDLE 12 RADIO TELETYPE CHANNELS; OR SIX RADIO TELETYPE CHANNELS AND SIMULTANEOUS VOICE CHANNEL; OR TWO VOICE OR TWO FACSIMILE CHANNELS. INPUT FREQUENCY: 450-510 KHZ. CONVERTER IF CENTER FREQ: 100 KHZ. POWER REQUIRED: 115 VAC 50-60 Hz. SIZE: 15¾x19x15; SHPG. WT: 175 LBS. USED, EXCELLENT. NOT CHECKED, $150.

RECEIVERS & XMITTERS P. 4,6,7,18,19,24,25,36.

2000 VCT 500 MA

2000 VCT 500 MA (700 MA INTERMITTENT; 7x5½x5; SHPG. WT: 32 LBS. #SS-HW-201-P, USED, $27.50

900 VCT 250 MA; 4½x4½x3¾, SHPG. WT: 15 LBS. #SS-S-P243, USED, $9.95

MORE TRANSFORMERS ON PAGES 12 THRU 14.

ORDERING INFORMATION SEE PAGE 2

MINIMUM ORDER $5.00

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.

Lima, Ohio 45802 419/227-6573

CATALOG INFORMATION

This IS the only catalog we will issue this year. A supplement will be sent in the Fall.

FAIR RADIO SALES CO., INC.

SHUNT

50 MV. 15 AMP SIZE: 2x1½x½ 6625-810-6742 UNUSED $2.50

500 MICROAMP DC MOVE. FACE MARKED "SET TO RED LINE" LINE LEFT CENTER MARKED"6 V"TOP "150 V" BOTTOM. 3½" ROUND SEALED,RUGGEDIZ. TELECTRO TM-263. #6625-255-0121 NEW $6.95

425 MICROAMPERES D.C. 4x4½ SCALE,TOP 0-60 BOTTOM 0-3/15/60 MARKED ACV DCV AND MILLIAMPERES. P/O I-135E TEST SET, M-1 #P30033 USED $6.95

DC VOLTMETER 3 IN. SQ.NO SCALE COLORED SEGMENT SIMPSON MFG.NEW 50 VDC #1913 $6 25 VDC #1906 $6

GE PANEL METER I-0-I MA. 3x2 3/4, 2½ IN MTG HOLE. # 76-632-0719 PRICE: UNUSED $8.95

500 MICROAMPS. D.C. RES. 300 OHM DC. 1¾"SQ. 1-3/8" MTG. DEJUR MOD. 112 STK#3F3312-6.6 $4.95

SELSYN METER FOR CHECKING LEAD AND LAG. TERMINALS FOR 115 VOLT A.C. AND FROM SEL SYN. 4½" DIA. WESTON 543/245620 U $6.95

MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 UA. 1100 OHMS 10% 4x4½x5 WT. 3 LBS USAF-5200-474900 $4.95

MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK# 3F1350 $4.95

TV-2 REPLACEMENT METER, 0-250 SCREEN VOLTS, FS=1 MA. 2½" RD. SEALED. NEW $5.95

DECIBELS

-10-0-6+ DB 6MW 600 OHMS 2½" RD.WEST.2837 $4.95

-12-0-8+ DB 100 UA=FS 3½"RD BLK. RUGG. WAC4586 N $7.95

-10-0-6+ DB 3½"RD. FS=5VAC WESTHMH41286-I NEW $6.95

-20-0-3+ DB FS-199 MUA 2½"R #GA50934 USED $4.95

OTHER VALUES IN STOCK,WRITE

POWER SET +6 TO 0-TO-3 2½" RD. FS-200 UA, WACLINE 1496/400 RUGG/SEAL U $3.95

VOLTS-AMPS-MILL!

0-1 MA 3½ IN WITH SHUNTS & MULTIPLIER RESISTORS PROVIDE RANGES LISTED: 0-120, 600 MA; 0-3,12, 30,60 AMPS; 0-30,60,300,1200 VDC. METER,SHUNTS,MULTIPLIER RESISTORS MOUNTED ON TERMINAL BOARDS, REMOVED FROM UNUSED EQUIP. MSH199 $14.95

DUAL SCALE METER 0-1 MA MOVEMENT TWO MECHANICALLY SWITCHED SCALES, 0-25, 0-125. FOR BEHIND PANEL MTG. CAN BE ILLUMINATED SHAFT EXTENDS 3/8" FRONT AND REAR. 2¼x1 FACE, 2½x3x1½ OVE ALL. UNUSED $4.95

ROENTGENS PER HOUR METER 50 MICROAMPERE D.C FULL SCALE 3½" RUGGEDIZED REMOVEABLE PLASTIC LENSE, BLACK FACE. TOP SCALE 0-500,LOWER 0-10 #300-10764 UNUSED $3.95

BALLENTINE V.T.V.M. METER ONLY AC VOLTS I-10 DECIBELS 0-20 WESTON 643 4½" OR EQ. MFG. PT. NO. 205007 NEW STK#6625-557-0899 $8.95

OUTPUT METER FOR TS-497B AND TS-497C SIGNAL GENERATORS. 300-0-300 DC MICROAMPS. 3½" RD. MARION HS3, #5705 NEW $7.95

EDGE-WISE METER 0-100 D.C. MA. FULL SCALE 20 MA 2¾x3½x3/4 FACE INTERNATIONAL I135ULB $5.95

MATCHED METERS CHROME PLATED 2½" SQUARE,2" HOLE MTG. 0-30 VOLTS DC #1046A-12 $1.95 DC AMPERES 400-0-400 SCALE INDUCTION TYPE MOVEMENT. #1696-IB $1.95

PIC.#1 SCALES: OHMS 0-INF. DCV 0-15, ACV 0-50,PP 0-40 0-150 DB-10-0-5+ FS=200 µA HEATH VTVM #407-62 N $12

PIC#2 SCALE#1 5MΩ TO 0 #2 0-150 FS=750 µA 4x4½, SC# 202130-139 FSN0562 N $10

PIC#3 SCALES OHMS 0-1000, VDC 0-3/0-10,VAC 0-30/0-10 4½"x4½ #0752 NEW $10

I-176 TEST UNIT METER FOR MULTIMETER #8347 NEW $15.

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 227-6573

STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS

PRICES NET, F.O.B. LIMA, OHIO SEND CASH, CHECK or MONEY ORDER with PURCHASE ORDER.

MINIMUM ORDER $5.00
Orders less than $5.00
ADD $1.00 HANDLING CHARGE

Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

C. O. D. ORDERS, SEND 25% of PURCHASE with ORDER. BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

DESCRIPTIONS

ALL MATERIAL OFFERED IN THIS CATALOG IS IN "USED-COMPLETE" CONDITION, UNLESS QUALIFIED AND/OR NOTED AS "RECONDITIONED," "UNUSED," OR "NEW."

MERCHANDISE IS NOT OPERATIONALLY CHECKED UNLESS SPECIFIED AS "CHECKED."

EQUIPMENT DESCRIBED AS "REPARABLE"--MEANING "ABLE TO BE REPAIRED"--IS ELECTRO-MECHANICALLY COMPLETE, BUT REQUIRES SOME TROUBLESHOOTING BY THE CUSTOMER.

AC VOLTMETERS

0-3VAC 3"RD. SUB PANEL MTG 1000 P/V 2F8003-1INEW $7.

0-7.5VAC 3"RD. STD. WEST. CAY22237 NEW$6.95

0-10VAC 2½" SQ. OR RD. STD. WESTON 517 NEW $5.95

0-30 VAC SCALE, 3½" ROUND, WESTON 476, UNUSED, $6.95

0-150VAC 2½" RD. STANDARD GRO-3169 USED $5.95

0-300VAC 2½" RD. RUGGED. 3F8300-72 USED $4.95

0-300VAC 2½" RD. STD. USED SUN422/MR25300ACVV $3.95

VAC SCALES 0-3/10/30/100 2½ "RD.FS-1.5V 07231 NEW $4.95

0-50 VAC, 1000Ω/V, 3½" SQ. WESTON 301, UNUSED, $6.95

AC AMMETERS

0-100 U-AMPS AC, 2½" RD. WESTON 506, UNUSED, $6.95

0-25 MA AC, 3½" ROUND, TRIPOLET 231S, USED, $6.95

0-150 ACA, 3½" RD. FS=5 AMP #3974, UNUSED, $6.95

0-200 ACA, 2½" RD., FS=5 AMPS; RUGGEDIZED. SIMPSON 155R, UNUSED, $6.95

0-250-500 ACA, 3½" RD., FS=5 A. SUN 432, #4047, $7.

D.C. MILLIAMPS.

0-1 DCMA MOVE.0-150VDC SC. 2½"RD.RUGGED #8973 N $4.95

0-2 DCMA MOVE 0-2 SCALE 3½"RD RUGG. #4078 N $6.95

0-80 DCMA SCALE 2½"RD. RUGG. #8274 N $4.95

0-100DCMA 100MA. MOVE. 3½"RD.RUGG. #4265 N $6.95

0-150 DCMA SC. USED 3½" RD. STD.CAY22061 $5.95

0-200 DCMA SC. 2½" RD.USED #MR25200DCMA $3.95

0-200 DCMA SC. 3½" RD NEW GE-CG22063 $5.95

0-300 DCMA SC. 2½" RD. GRO-300 USED $4.95

0-500 DCMA SC. 3½" RD. GRO-500 USED $4.95

0-500DCMA 3" SQ. SIMPSON D092 USED $4.95

0-750 DCMA 3" SQ. 2000 OHM P/V SIMPSON M27/750 U$4.95

FULL SC. 1.2 MA. 0-100 SC. 2½"RD. 3F910-47 U$2 NEW$3

OTHER VALUES IN STOCK,WRITE

D.C. MICROAMPS.

0-200 D.C MICROAMPERES , 3½" ROUND. CENTER ADJUSTMENT. USED WE#167807 $4.95

0-200 DC MICROAMPERES, 3½" RD. RUGGEDIZED, MARION HS-3 #3981 NEW $4.95

100-0-100 UA-DC, 2½" RD. SEALED; HONEYWELL, U, $4.95

50 UA MOVEMENT,SCALE -30, 0,150,POINTER AT ZERO, SEALED,2½RD USED TRC30150 $4

50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2½ RD USED TRC10050 $4.00

FS-100MUA,COLORED SCALE NO NUMERALS 2½"RD. RUGGEDIZED. WESTON1521/4967 NEW $5.95

0-100 UA-DC, 2½" RD. SEALED VARIOUS MFG., USED, $4.95

OTHER VALUES IN STOCK,WRITE

LP-GAS METER 2" HOLE MTG. CHROME 0-1VDC48560-2 $1.50

WATER TEMPERATURE METER 2" HOLE MTG. WITH HEAT SENSOR 3/4" THREADED COUPLING AND 6 FT. CABLE. SCALE 100-220 KURZ&ROOT#157-E3-2003 $5

BIG LOOK

0-20 DCA SCALE 50MV 3½" N $10.

0-10 VDC SCALE; 3½", USED, $10.

0-500 MA/AC 3½" #6775 $15

D.C. VOLTMETERS

0-50 VDC EDGEWISE; ½H X 1¾W X 1½D. HONEYWELL, NEW, $8.

0-1VDC SC. 2½" RD. RUGGED FS-IV #0887 NEW $5.95

0-10VDC SC. 2½"RD. RUGGED #2979 NEW $5.95

0-30 VDC, 2½" RD. SEALED; DEJUR R230, USED, $7.95

0-5 KV-DC, FS=1 MA, 3½" RD. VARIOUS MFG. UNUSED, $5.95

0-100VDC SC, 2½" RD.RUGGED #9545 NEW $5.95

0-50 VDC, 2½" RD. WHITE OR BLACK FACE, USED, $6.95

0-250VDC SC. 3½"RD. 1000OHM P/V WESTON 301 USED $5.95

0-300VDC SC. 2½" RD. WESTON 506 NEW $5.95

0-500VDC SC. 3" SQ. #231-1624 USED $5.95

0-500VDC SC. 2½"RD. RUGGED FS-50MUA #683-9829 NEW$5.95

PEAK VOLTS 0-5/10/20 SCALES FS-500 UA 2½"RD UNUSED WESTON MODEL 1021 $4.95

OTHER VALUES IN STOCK,WRITE

R.F. AMMETERS

0-5 ANT CURR.W/TRANS. COIL 2½"RD. M101/ART13 U $5.95

0-15 RF 3" SQ. FS-1MA. SIMPSON 271 U $8.95

0-500 WATTS; FS= 50 MV-DC. 4x3½; MOUNTS IN 2½" DIA. HOLE. HONEYWELL MS3T, USED, $8.95

SMALL METERS; 1¾" SQUARE. RUGGEDIZED. UNUSED, $4.95 EA #7838; RECORD LEVEL INDICATOR, FS=250 UA, DEJUR #3538; 0-10, FS=1 MA, INTL. #2250; 0-250, FS=5 MA, BLK. FACE, SIMPSON 182. #0728; 0-10, FS=50 MV, BLK. FACE, WESTON 151. #7693; 0-10 SCALE, FS=1 MA, 1¾" DIA., IDEAL S-100.

DC AMMETERS

0-5 ADC SCALE, 2½" ROUND, WESTON 506, UNUSED, $8.95

0-150ADC 3" SQ. 50 MV SHUNT REQ. #8397 NEW $6.95

0-450ADC 1¾" SQ. 50 MVSHUNT REQ. 152049 NEW $5.95

0-25 ADC SCALE, 3½" ROUND, SIMPSON, UNUSED, $8.95

AUTOMOTIVE TYPES 2½" RD. 0-30DCA. EMICO 2105 $2.95 20-0-20DCA STERLING2020 $2.95 30-0-30" SW 6625-9014 $3.95

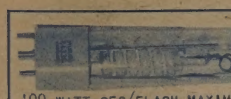
OTHER VALUES IN STOCK,WRITE

SIMPSON **Wide-Vue**

100-0-100 DCA, 50-0-50 MV FS. 1¾", NEW, $8.

0-100 DCA, 50 MV FS, 1¾", $8.

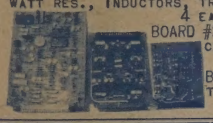
100-0-100 UA-DC SCALE, 3½"; VARIOUS SCALE LABELS: LOCK, EQUALIZATION, ETC. USED, $8



ELECTRONIC PHOTO-FLASH TUBE R4330 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN 100 WATT-SEC/FLASH MAXIMUM, PEAK LIGHT OUTPUT 12,000,000 LUMENS, INTERGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. $10 OCTAL CER.SOC. 50¢

RECENT COMPUTER SURPLUS TRANSISTOR BOARDS

BOARD #1: 100+ TRANSISTORS, PLUS DIODES, ¼-½ WATT RES., INDUCTORS, TRIMPOTS, CAPS. 6"x8". 4 EA. #1, $3.00



BOARD #2: 50+ TRANS., RES., CAPS., ETC. 5"x7". 5 EA. #2. $1.50

BOARD #3: 150+ SILICON TRANS., ETC. 4"x6". 4 EA. #3, $3.00

CARTRIVISION COMPONENTS

FISH TANK

FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 HZ; OUTPUT -12/-12 1AMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, IC'S FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6½ WT 15 $14.95

2 FOR $25.

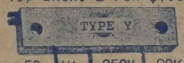
TIMER BONANZA

CARTRIVISION TIMER CONTROL, 115 VAC 60 HZ MOTOR W/SPDT CONTACTS; UP TO 8 HR. DELAY. 18 V. 200 MA TRANSFORMER; 12 VDC SPDT RELAY; SPDT & 4PDT (CENTER-OFF) SLIDE SWITCHES; SPST MICRO-SWITCH; TRANSISTORS, RECTIFIERS, ETC. $1.95

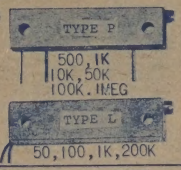
3 FOR $5.

Cermet Trimmer

195/RJ12 CERMENT TRIMMERS 1¾" RECTILINEAR 23 TURN. 79¢ EACH. 2 FOR $1.50



TYPE Y		
50	1K	250K	20K
200	2K	10K	30K
250	2.5K	20K	50K
		1MEG.	



TYPE P: 500, 1K, 10K, 50K, 100K. 1MEG

TYPE L: 50, 100, 1K, 200K

GYROS & SYNCHROS

TYPE A-4 COMPUTER GUN-BOMB-ROCKET SIGHT, WITH TWO GYROSCOPES—ONE HORIZONTAL AND THE OTHER VERTICAL. SYNCHROS 15DL1 AND 18DF1 SIGNAL ATTITUDE CHANGE OF THE GYROS. MONITOR INPUTS FOR PITOT AND STATIC WITH MANUAL ADJUST OF THE TRANSDUCER. WITH VARIOUS RELAYS, GEARS, AND OTHER PARTS FOR THE EXPERIMENTER. SIZE: 10½x11½x8; SHPG. WT: 25 LBS. $22.95

BURROUGHS DIGITAL DISPLAY UTILIZING THREE NUMERICAL NIXIES (122P224). CAN BE ADAPTED INTO COUNTER, TIMER, OR SIMILAR. CONTACT CLOSURE MAY BE PRESET FROM 0 TO 499 COUNTS USING THE SELECTORS ON THE FRONT. INPUT PULSE: 24 VDC 0.5 MA OR 24-120 VAC WITH MAX. DURATION 160 MILLISEC. MAX. COUNT SPEED: 220 PER MINUTE. POWER REQUIRED: 115 VAC 60 HZ. 10½x6¾x5; WT: 12 LBS. MDA#101S824, UNUSED, $9.95

MAGNETIC IDENT HOLDER

IDENTIFICATION HOLDER MADE OF METAL WITH CLEAR PLASTIC TOP FOR INSERTING COPY IN-BETWEEN & MAGNETS FOR HOLDING ON STEEL. SIZE: 3½x12; 8 OZ. $1.00 EA. 2 FOR $1.75

Cermet Trimmer

1/2" SQ. — M174/RJ22 1C,2C,5C, 1K,2K,5K, 10K,25K, 50K,100K, 200K,1MEG. 59¢ 2/$1

½" SQ. — M175/RJ22 2C,5C,1K, 2K, 25K 50K,100K, 200K,250K 500K,1MEG 59¢ 2/$1

1/2" SQ. — M176/RJ22 1K, 10K 20K,25K, 50K,100K, 500K, 2C,500 59¢ 2/$1

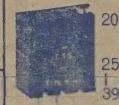
DIA. 11/32" — 385 TYPE 50,1C,2C,5C 1K, ,3K, 20,250, 25K, 250K,500K 39¢ EA. 3-$1.00

1/2" SQ. — 170 TYPE 1C,1K,2.5K 5K,10K,25K, 50K,100K, 200K,250K, 500K,1MEG. 59¢ 2/$1.

171-S/PCS 1C,2C,250, 2.5K, 5K,10K,25K 50K,100K, 250K,500K, 1 MEG. 59¢ 2/$1.

1/2" SQ. — 171-T/PCS 1C,2C,5C, 1K,2K,5K, 10K,100K, 250K,500K, 1 MEG. 59¢ 2/$1.

½" SQ. — 172 TYPE 1C,2C,5C, 1K,2K,5K, 10K,25K, 50K,100K, 250K,500K, 1 MEG. 59¢ 2/$1.



165 TOP ADJ. 3/8" SQ. — 20,50,1C,5C, 2K,10,25K 200K, 250K,500K, 1 MEG. 39¢ 3 - $1

165 SIDE ADJ. 3/8" SQ. — 20,50,1C,2C, 5C, 2K,5K, 10K, 100K, 200K,250K, 500K,1 MEG, 39¢ 3 FOR $1

190 CERMET TRIMMER 20 TURN 3/4" RECTILINEAR; 200,100K, 200K. 75¢ EA. 2 FOR $1.20

PLEASE ORDER BY NUMBER. ONLY AVAILABLE IN UNITS AS INDICATED.

D O L L A R D A Z E

SOME ITEMS AVAILABLE IN QUANTITY. WRITE FOR PRICE.

1-77 SLA-1 LED .33 INCH 0-9 WITH DECIMAL EACH $1.00

2-77 SLA-2 LED .33 INCH, 1 (PLUS) - (MINUS) & 1 (ONE) 2 FOR $1.00

3 TRIPLETT AC ADAPTER 5.8VDC 310MA WHEN USED WITH EXTERNAL CAPACITOR(NA) 3/$5.00

4-77 IC BOARDS, 30 IC'S, MRTL, RTL, HOUSE NO. TTL TANSISTORS/CAPS $3

5-77 2N604 HIGH SPEED SWITCH AND AMPLIFIER 14 FOR $1.00

6-77 12 VOLT SWITCHING SILICON TRANSISTOR. HOUSE NUMBER 12 FOR $1.00

7-77 PHOTO-CELL 12V SENSITIVE SW. CLAREX CL-407 3 FOR $1

8 MINI-BOX; 2 PC. 6x4x3, W/HOLES FOR SLIDE SW,2/5-16,1/4,3/3-16 & 7/7-8 HOLES $1.00

9 REC-TRANS CHASSIS; SOLID STATE FOR USE IN BROADCAST BAND,2¾x6x1,NO/CASE $2.00

10 SENTRY ALARM; BUZZES WHEN PIN IS PULLED SIZE 2¼x3x1½, REQ. 9 VOLT BATT. $1.00

11 CLEAR PLASTIC 1/4" PLASTIC TAPE REEL 7" 2 FOR $1.00

12 PLASTIC MITTENS 12 PAIR $1.00

13 TOGGLE SWITCHES; SPST, CUT-OFFS 5/$1.00

14 PUSH SWITCHES; SPST, NORM/OPEN 5/$1.

15 PUSH SWITCHES; SPST, NORM/CLOSED 5/$1.

16 SLIDE SWITCHES;2PST & 1PDT 5/$1.

17 CONTROL BOX; W/SWITCHES 1EA. DPDT,DPST, SPST ALSO 3 PILOT LITES W/BULBS $1.00

18 FELT FOOT MOUNTING; 3/4" DIA. FT. MTG. STUD 1" LG. 8/32 THREAD 12 FOR $1.00

19 FELT FOOT MOUNTING; DIAMOND SHAPE ROUNDED CORNERS,1¼x1¼,8/32 HOLE 12 FOR $1.00

20-77 US ARMY ARMOR COMMUNICATIONS ELECTRONIC DATA,ST 24-18-1 6-73 $3.00

21-77 FIVE COND. CORD 20' LG. 5 PRONG PLUG 1 END, FLEX. 2 FOR $1.00

22-77 GAS-GUARD,SPRING COIL TYPE, 2" AT LGE. END,5½" LG. 3 FOR $1

23-77 BRASS COUPLINGS FOR 3/8" SHAFTS, 3/4" LG. 3 FOR $1.00

24-77 MINITURE TUBE PIN STRAIGHTENER 8 & 10 PIN. 2 FOR $1

25-77 MOBILE PLATE W/SPST SW,LITE,JACK, 10 COND. 6' WIRE 3½x3½ PLATE $1

26-77 COILED CORD 3 COND. 18-36" TELEPHONE USE,PINK OR GREEN 3 FOR $1.00

27-78 SANDY'S TRANSISTOR SPECIAL, 100 TRANS. + DIODES, RES. 4 LBS. $1.

28 PHONE PLUG 3 CONDUCTOR, ON 24" COILED CORD RETRACTED, 48" STRETCHED. $1.00

29-78 LEATHERETTE INSTRUMENT CASE, 8¼x2¼ x4; TWO SECTIONS. $1.50; 2 F/$2.50

30 MIXED HARDWARE,SCREWS,NUTS WASHERS ETC. REMOVED FROM EQUIP. ALL USEABLE 5LBS $1

31 HORSESHOE MAGNET, 2 3/8x 2x½ 2/$1.00

32 APPLIANCE SWITCH SP2P,SPST W/OFF. 20AMP MAX TOTAL CURRENT, 120/230v 60HZ $1.00

33 VINYL COVER FOR TYPEWRITER, FITS BASE 18x18 MAX HEIGHT 8 INCHES $1.00 EA

34-77 CKT BRD 38 FUSES 8A. 28EA. 1N1487 23 RESISTORS, 3 TANT. CAPS 2/$1

35-77 LEE PANEL "L",3 TRANS. 1 SM. HEAT SINK,9 RES.½-10 W.PHENOLIC 4/$1

36-77 LEE PANEL "J",9 TRANS.,19 RES.½-10 W.3 SM. HEATSINKS PH.BD 2/$1

37 PANEL D, 3 TRANS,8 DIODES, 6 RES ½- 10WATT. PHENOLIC BRD, ANGLE BRACKETS 2/$1

38 M-210 SIGNAL CORPS TRIPLICATE MESSAGE BOOK WITH CARBON. 3/$1.00

39-78 FS-150 UA LEVEL METER; 3/8x7/8 FACE OVERALL 1x1x½; JAPAN. $1.00 3/$2.

40 TIMER MOTOR 115 v 50 HZ 3/4 RPM 2/$1.00

41-77 COUNTERS SMALL MECHANICIAL TYPES 3 TYPES $1.00

42 ID-98/APN, USES LAMP TO INDICATE RF FIELD INTENSITY.5" ELEMENTS, $1.00

43-77 TAPE, RUBBER,ADHESIVE,3/4" W.x15' .045" THICK TL-192 3 FOR $1.00

44 PM SPEAKER REM T-39/SCR-511. 2½ DIA 1½" D. 3 OHMS DC RES. $1.00

45-77 RELAY TIME DELAY SPST,110 SEC, N.O 115v 6 A. OCTAL SOCKET 3 FOR $1

46 RELAY ASST: AC,DC,6,12,24,48 VOLT, OPEN, SEALED, PLATE RELAYS ETC. 5/$1.00

47 METAL STAND, BASE 8x11 LEGS EXTEND OUT & DOWN FROM BASE 16x13x2½H. 5LB 2/$1.00

48 GP-16, 24" STEEL GUY & GROUND STAKE WITH SCREW TERMINAL. APPROX ½" DIA 2/$1.00

MINIMUM ORDER $5.00

BC & ARC COMMAND SETS

THOUGH IT HAS BEEN ON THE SURPLUS MARKET FOR MANY YEARS, THE COMMAND SET SERIES OF RECEIVERS AND TRANSMITTERS IS STILL POPULAR AMONG HAMS AND EXPERIMENTERS.

THE SERIES CONSISTS OF UNITS OF EITHER SCR-274-N (BC-PREFIX) OR OF AN/ARC-5 RECEIVERS (R-PREFIX) AND TRANSMITTERS (T-PREFIX).

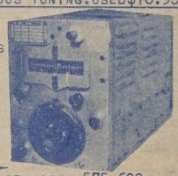
AS A GROUP, THE RECEIVERS COVER 190 KHZ TO 9.1 MHZ AND THE TRANSMITTERS 2.1 TO 9.1 MHZ.

IF YOU ARE NOT FAMILIAR WITH THE COMMAND SETS AND THEIR NUMEROUS CONVERSION POSSIBILITIES, WE SUGGEST YOU PURCHASE THE CQ SURPLUS CONVERSION HANDBOOK INCLUDING COMMAND SETS AVAILABLE FROM US FOR $4.50.

THE RECEIVERS ARE SUPERHETERODYNE TYPES WITH SIX TUBES INCLUDING: 3/12SK7, 12SR7, 12A6, AND 12K8. THEY ARE DESIGNED TO OPERATE FROM THE DM-32, A 24 VDC DYNAMOTOR WITH AN OUTPUT OF 250 VDC 60 MA AND 24 VOLTS. THEY ARE TUNED FROM A REMOTE POSITION BY THE USE OF A CONTROL BOX WITH A FLEXIBLE SHAFT. SIZE: 5x5x11; SHPG. WT: 15 LBS.

BC-453/R-23	190 TO 550 KHZ	USED $18.95
BC-455/R-27	6.0 TO 9.1 MHZ	RE-COND 19.95
R-25/ARC-5	1.5 TO 3.0 "	UN-USED 24.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED $18.95



THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LB

BC-457 TRANSMITTER	4.0 TO 5.3 MHZ	$14.95
BC-458 "	5.3 TO 7.0 "	$14.95

CV-431 FREQ. CONVERTER-TRANSMITTER FOR 228-258 MHZ. RECEIVER CONVERTS SIGNALS FROM 228-258 MHZ TO 118 - 148 MHZ WHICH HAS TO BE FEED INTO A SEPARATE REC. IN THE 118-148 MHZ RANGE. TRANS. IS 8 CH. CRYS. CONTROL. VOLTAGE REQ. 24VDC & 250VDC 60 MA. WITH TUBES 4/5763, 1/6201 & 1/6939. SIZE: 5½x4¾x11; WT: 7LB. USED $12.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11LBS USED $9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER $9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS,	$2.50
DM-32 DYNAMOTOR, 24 VDC F/RECEIVERS,	4.95
35X032 DYNAMOTOR, 12 VDC F/RECEIVERS,	4.95
C-56 CONTROL BOX F/REC. TUNING AND TRANS. CHANNEL SEL.; 118-148 MHZ, VOLUME,	8.95
MC-215 FLEXIBLE SHAFT FOR COMMAND EQUIPMENT, 6 FT. $1.50; 25¢ EACH ADDITIONAL FOOT.	

COMMAND SET RECEIVER & XMITTER RACKS, UNUSED.

FT-233/MT-7A, FOR ONE RECEIVER,	$2.50
FT-277/MT-63, FOR TWO RECEIVERS,	$3.00
FT-234/MT-69, FOR ONE TRANSMITTER,	$2.75
FT-226/MT-71, FOR TWO TRANSMITTERS,	$3.25
FT-227/MT-70 SHOCKMOUNT FOR FT-226,	$2.50

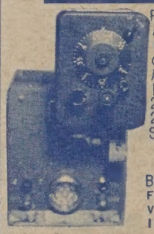
BC-442/RE-2 ANTENNA RELAY UNIT FOR COMMAND SETS; DESIGNED TO SWITCH ANTENNA FROM TRANSMITTER TO RECEIVER. WITH 2½" RD. 0-10 ANTENNA CURRENT METER AND 5 KV 50 MMF VACUUM CAPACITOR. SIZE: 4x3½x5; SH WT: 6 LBS. USED, $8.95

ARC-39 RECEIVER-XMITTER

RT-427/ARC-39 RECEIVER-TRANSMITTER, REPLACES COMMAND SETS; COVERS 2.0 TO 9.1 MHZ IN TWO BANDS; SIX CRYSTAL-CONTROLLED FREQUENCIES PER BAND. RF OUTPUT: 10 WATTS MIN. INTO 10 OHM LOAD (100 PF). 100% AMPLITUDE MODULATION; AUDIO OUTPUT: 200 MW WITH 1000 UV 30% MODULATED INPUT; 800 MW MAX. BANDWIDTH: 8 KHZ @ 6 DB DOWN. METER INDICATES RELATIVE RF OUTPUT TO THE ANTENNA. WITH TUBES 0B2, 2/12AT7, 4/5749, 5750, 3/5686, 4/5814, & 3/6159. POWER REQUIRED: 28 VDC 4.4 AMPS WHEN RECEIVING; 8.5 AMPS TRANSMITTING. SIZE: 7¾x10½x21¾; SHPG. WT: 42 LBS. PRICE: USED, COMPLETE, $49.50 MANUAL FOR RT-427/ARC-39, REPRODUCTION, $10.

R-19/ARC AIRCRAFT RECEIVER, 118 TO 148 MHZ CONTINUOUSLY TUNEABLE. NO DIAL; DESIGNED FOR REMOTE TUNING WITH SPLINE SHAFT. I.F.=15 MHZ; WITH TUBES 9002, 3/9003, 14A7, 2/14R7, 14F7, AND 12A6. USES ACCESSORIES SIMILAR TO ARC-5 SERIES. POWER REQUIRED: 250 VDC 60 MA AND 24 VDC. SIZE: 6¾x5x11¾; WT: 13 LBS. USED, $18.95

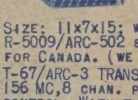
BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS. SIZE: 6¾x5x11¾; WT: 10 LBS. PRICE: NEW $22.50

BC-473 CONTROL BOX DESIGNED FOR USE WITH COMMAND SET RECEIVERS WITHOUT DIALS. ADAPTER INCLUDED. SHPG. WT: 4 LBS. UNUSED, $7.95

SCR-522 RECEIVER-TRANSMITTER AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 6G6 REC. 1/9002, 9003, 1/2C6, 12H6, 3/12SG7, 12A6 & 2/12AH7. UNITS CAN BE RE-MOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16½x12½x10¾; WT: 50 LBS. RE-COND $34.95 CONNECTOR PLUGS, $1.50 EA. OTHER ITEMS AVAILAB.



R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA. SIZE: 11x7x15; WT: 21 LBS. USED $24.50 R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)

T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA. SIZE: 15½x10x12½; WT: 22 LBS. USED $24.95 CONNECTOR PLUGS $1.50 OTHER ITEMS AVAILABLE.

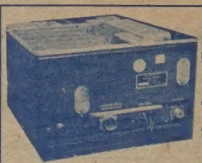
T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24- TO 28 VOLTS D.C. OPERATION. USES ARC#14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCARFT. SIZE: 4¾x4¾x6; WT: 6 LBS. PRICE: RE-COND. $16.95

SPEAKERS

DYNAMIC SPEAKER FROM R-48/TRC-8 3½" CONE, PM; ONE WATT NORMAL, TWO WATTS PEAK. OVERALL: 4x4x2¾; WT: 2LBS. $4.95

LS-101 DYNAMIC SPEAKER FROM PP-308/GRR-5; 4" DIA., 8 OHMS, 100-160 MW. 5 LBS. USED, $4.95

LS-166 PM SPEAKER IN AN ALUMINUM CASE; 4" DIA., 8 OHMS, LESS CABLE. 7 LBS. USED, $7.95



R-101/ARN-6 RADIO COMPASS RECEIVER, 100-1750 KC IN FOUR BANDS, WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC. SIZE: 11½x7¾x15¾; 40 LBS PRICE: USED $39.50

AS-313/ARN-6 LOOP ANTENNA	USED	$7.95
ID-91/ARN-6 INDICATOR 3"	NEW	8.95
PD-5/ARA-19 TUNING DRIVE	USED	9.95
AM-203B/ARA-19 AMPLIFIER	NEW	8.95
C-149/ARN-6 CONTROL PANEL,	USED,	$9.95
MC-124 FLEX. TUNING SHAFT 20 IN.	USED	1.50
MC-203 "T" ADAPTER	USED	1.50
MC-136 RIGHT ANGLE ADAPTER	USED	2.00

CU-308B/U ANTENNA COUPLER; USES CATHODE FOLLOWER TO COUPLE SINGLE ANTENNA WITH THREE RECEIVERS IN THE 2 TO 24 MHZ RANGE. INCLUDES THREE 24 VDC 500 OHM SPST RELAYS, 4/5906 TUBES, AND FOUR BNC CHASSIS CONNECTORS. POWER REQUIRED: 24 VDC 180 MA. 5x5¾x3¾; WT: 4 LBS. UNUSED, $9.95

R-518 RECEIVER

R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 MHZ. RANGE. DOUBLE CONVERSION DESIGN WITH IF'S OF 23 MHZ AND 3 MHZ. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12AT7, 2/6AU6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 60-60 HZ. SIZE: 19½x6x18¾; 45 LBS. USED, $45.00

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 &12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING, SEE CQ SURPLUS CONVERSION HANDBOOK INCLUDING COMMAND SETS @ $4.50) SIZE: 14x7½x4¾; WT: 16 LBS. USED $18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX. 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS(2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY TH MD-7/ ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATLY VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15½x8¾x5½; WT: 15 LBS. RE-NEW $24.95

MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW $12.00

RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCTAL FILAMENTS ARE WIRED FOR 12- -14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOT USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6½x5x11¾; WT: 10 LBS. USED $12.95

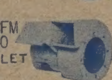
TUNING CONTROL BOX & ADAPTER AS DESCRIBED IN LEFT COLUMN, 2ND ITEM $7.95

EQUIPMENT BLOWERS

FASCO DUAL BLOWER 50 C.F.M. 115 VOLT 60 CYCLE .74 AMP. 2800 R.P.M. OUTLETS 2x1-5/8, 1 OUTLET IS PARALLEL TO MTG. BASE OTHER IS AT APPROX. 90° BUT CAN BE MODIFIED AS SHOWN IN ILLUSTRATION, INLETS 2½". OVERALL SIZE 7½x6x5¼; 10 LB FASCO TYPE 21 XEROX #127S217 NEW $10.00

14 VOLT D.C. BLOWER, 1.25 AMPS. APPROX. 125 CFM; 3000 RPM. OUTLET: 2¼x2¼. INLET: 2-5/8" DIA. 8¾x3" MOUNTING FLANGE. OVERALL: 5½x8¾x6 SHPG. WT: 7 LBS. USED, $10.95

HEINZE DUAL BLOWER 120 C.F.M 115 VOLT 60 CYCLE, 3000 R.P.M. .6 AMPS. INLETS 2½" OUTLETE 2", OVERALL SIZE 8½x6x6; WT: 12 LBS. HEINZE#D60362J52 USED $8.95



EASTERN AIR DEVICES BLOWER 100 CFM CAPACITOR TYPE MOTOR 120 VOLTS 60 CYCLE, 3300 R.P.M. INTAKE 3" OUTLET 2x2½, OVERALL SIZE 6x6x6 W/MTG. EAD#B7ABLC-2DR USED $12.95

TORRINGTON BLOWER, 200 CFM,220 VOLT 3000 RPM,(110 V. 1500 RPM 100 CFM) INTAKE 4",OUTLET 2¼x3, OUTLET MTG. 4" DIA. OVERALL SIZE 7x7x7½. 10 LBS TORRINGTON#A13980 NEW BOXED $18.95

ORDANANCE BLOWER 6 VOLTS D.C. APPROX 160 C.F.M., TURBINE TYPE IMPELLER, INTAKE 3", OUTLET 1" DIA., OVERALL SIZE 6½x6½x 4; WT: 7 LBS. ORD.#G486392 NEW $7.95

EASTERN AIR TWO SPEED BLOWER 2800/3200 R.P.M. CAPACITOR START MOTOR 1/40 H.P. .38 A. 115/230 VOLT 50/60 CYC. MOUNTED ON BASE W/ 4MFD. CAP. TERM. STRIPS ETC. BLOWER APPROX 150 CFM. INTAKE 3" OUTLET 1½x2½; WT:12 LBS. SIZE: OVERALL 8½x11x 6½. EAD#B747M1-C USED $12.95

AIR MARINE BLOWER, 250 CFM APPROX. INLET: 5¼" DIA; WHEEL WIDTH: 2¾". OUTLET: 3½"W X 1½"H. WITH CAPACITOR. 115 VAC 60 Hz. OVERALL: 7¾x8 x7¾; 12 LBS. REM. F/EQUIP., $20.95

FAN TYPE BLOWER, 115 VOLT 60 CYCLE, 20 WATT, 4" PLASTIC FAN BLADES, OPEN FRAME NOISELESS MOTOR, MOUNTED IN CADIMUM CASEMENT TYPE FRAME APPROX. 100 CFM. USED SIZE:13x5x2; 5 LBS. HOWARD#1075-3102 $3.95

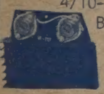
COOLING FAN 115 V 60 HZ 4¼ x 2½ NYLON BLADE REMOVED/EQ. URC3391 $3

AXIAL FAN 115 VOLT 60 HZ.15 WATT,4¾" SQ. DURABLE PLAST. REMOVED/EQUIP. #M-747 $6.95

HEATSINKS

9x4x1 1/8" ALUMINUM. DRILLED FOR 3/TO-3 #3T941 UNUSED $2.75

12x4x1 1/8" ALUMINUM. DRILLED FOR 4/TO-3. #4T1241 UNUSED $3.35



BLACK TAB MTG HEATSINK WITH 2/2N3055 OR EQUAL W/HDWR INSULATOR, RESISTORS 4¾x1 1/8x2¼ (4 7/8) TOTAL **#HSW/2T, $2 EA.; 4 FOR $5.**

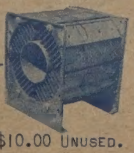
#HSW/1T, SIMILAR TO ABOVE BUT WITH ONE TRANS. SIZE: 3-7/8x2-7/8x1-1/8. $.85 EA. 4 FOR $3.

#THS, SIMILAR TO ABOVE; NO TRANS., 2 FOR $1.

#DHS, SAME AS ABOVE, ANODIZED DRILLED FOR DO-4 DIODES. 3-7/8x2½x1-1/8, 2 FOR $1.00

DELTA T 100 WATT (78°C) HEATSINK, BLACK, UNUSED, UNDRILLED; 5½x4¾x2½. #NC-423, $3.25 EA

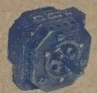
DUAL TO-36 HEATSINK, 3x3¾x1-3/8; FLANGE MOUNTING. #HST036, $.75 EA. 3 FOR $2.00



WAKEFIELD HEAVY DUTY HEAT SINK HAS 8 INDIVIDUALLY INSULATED SINKS, 4 EA. (1½x3) AND 4 EA. (2¼x3). TAPPED TO MOUNT TRANSISTOR STUDS. PROVISIONS FOR MOUNTING MUFFIN FAN FOR COOLING. ANODIZED ALUMINUM. SIZE: 5½x4½x4½ WT: 4 LBS. #FCA-800 PRICE: $3.95; THREE IN CRATE, $10.00 UNUSED.

TAPE RECORDER MOTORS

DUAL SPEED OPEN FRAME MOTOR, USED WITH RECORDING UNITS. 115 VAC 60 Hz; 2000 AND 3000 RPM. 3/16" DIA. SHAFT EXTENDS BOTH SIDES WITH PULLEYS FOR BELTS ONE SIDE. MOTOR SIZE (LESS SHAFT): 2¾x2¾x2, SHPG. WT: 4 LBS. #TM-381, UNUSED, $3.95



HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 Hz, 1500 RPM. MOTOR SIZE: 3½x3½x2½, SHAFT 1¼x5/16" DIA. WT: 5 LBS. STK. #D6-20220 UNUSED, $5.95

RECORDER MOTOR, 1500 RPM; 115 VAC 60 Hz, DOUBLE END SHAFT, ¾x3/16" DIA. & 1x3/16" W/PULLEY. MOTOR SIZE: 2¾x2¾x2¼ WT: 2 LBS. STK. #G140700 UNUSED, $4.95

RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1¼"; 3/64" DIA. LAST ¼". 3/8x3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2¾x2¾x2 WT: 2 LBS. #602-1 UNUSED, $4.75

POWER SUPPLIES

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19"x6", SHPG. WT: 40 LBS. $19.95 EACH

SOLA #	INPUT	OUTPUT
28238	180/240 200/260	200 VDC 1.5 A.
28239	" "	120 VDC 1.1 A.
		20 VDC 2 A.
28323	115/208/230	120VDC 2 AMP

28266 115V 60 HZ. OUTPUT 20VDC @ 4 A. $30

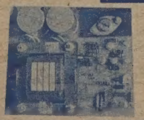
SOLA CONSTANT VOLTAGE TRANSFORMER ONLY.
PRI: 90-130V 60HZ. SEC: 6.5V 25 A. #237 $15
" 190-260V " SEC:118V 4.2A. #150 $15

PP-523/GRC POWER SUPPLY, SELECTABLE OUTPUT IN SIX STEPS FROM 34 VDC @ 3 AMPS TO 50 VDC @ 4½ AMPS. INPUT: 115 VAC 60 Hz. WITH TWO 2½" RD. METERS 0-100 VDC AND 0-5 AMPS DC SIZE: 9x11x16, 50 LBS. USED, $32.95

CQC-20409 POWER SUPPLY; INPUT: 115 VAC 60 Hz. OUTPUT: 12 VDC @ 300 MA. (OUTPUT FROM TRANSFORMER: 14 VDC @ 1.5 AMPS.) IN ALUMINUM CASE. SIZE: 8x11½x8, WT: 20 LBS. UNUSED, **$9.95**

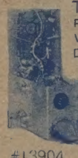
TELETYPE POWER SUPPLY FOR #19 SET. INPUT 105-125 V. 50/60 HZ, OUTPUT 120 VDC 0.6 AMP. W/8 SEC. TAPS. SELENIUM DISC. RECTIFIERS. SIZE:20½x8x9; 75 LBS. #4TREC-13 USED $14.95

TRANSISTORIZED



TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 Hz. MOUNTED ON CIRCUIT BOARD, 4½x5, WT: 3 LBS. UNUSED,
#CD5N1.5 5 VDC 1.5 A. $15.
#CD12N.85 12 VDC .85 A. $18.

THUNDER POWER SUPPLY, OUTPUT: 3.7 VDC 750 MA. VOLT. REG. INPUT 115 V. 60 Hz. HOUSED IN CASE, 3½x5x3; WT: 5 LBS. #S3.7-750 UNUSED, $12.00



TEN THOUSAND VOLT DC - DC POWER SUPPLIES. P/O SANDERS VIDEO DISPLAY. NO SPECIFIC DATA OR SCHEMATIC AVAIL. MODEL 13904 USES 2/2N3055 TRANSISTORS OR EQUAL. MODEL 11665 USES ONE TO-3 TRANSISTOR. EACH P.S. HAS ADDITIONAL CONTROL CIRCUITRY. SH WT 5LB APPROX SIZE 10x5x6 USED GOOD EXPERIMENTER ITEM
#13904 $12.95 #11665 $10.95

ETCHING BOARD

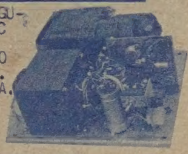
CIRCUIT ETCHING BOARD, 1/16" THICK FIBREGLASS, COPPER-CLAD TOP AND BOTTOM. NEW.
7½x10½, $.75 EACH.
12x16, $2.00 EACH.

DUAL BLOWERS

DUAL HIGH VOLUME BLOWER 210 VOLT 60 HZ 3450 RPM 1/8 HP MOTOR, 450 CFM (ESTIMATED), INLET 3½" OUTLET 4" DIA. MOUNTED ON FRAME 29x6½ IN. (FRAME CAN BE REMOVED) WT: 40 LBS. URC#683-KP USED $12.95

ROTRON HEAVY DUTY DUAL BLOWER, 220 VOLT 2 A. 3 PHASE, 3100 RPM, 50/60 HZ. MOTOR SHAFT 1/2" DIA. 2-1/2" LG. BLOWER INLET 4", OUTLET WITH FLANGE 5½x5½, MOUNTING BASE 6x9½". WT:40 LBS. URC#4345 USED $24.95

A.C. LINE REGULATOR



WANLESS VARAX AC LINE REGULATOR; INPUT: 102-125 VAC 60 Hz. OUTPUT: 120 VAC WITH LO-HI SWITCH FOR 400 OR 1500 WATT LOAD CHANGE. DC OUTPUT: 24 VDC @ 1.8 A. UNIT IS CAPABLE OF NO LOAD TO FULL LOAD REGULATION WITH BI-1500 INDUCTOR
SIZE: 11x5x11, 43 LBS. MODEL C223, USED $39.50

CENTRIMAX BLOWER

ROTRON CENTRIMAX HEAVY-DUTY BLOWER, 225 CFM @ 15 MM H_2O STATIC PRESSURE. FIBREGLASS CONSTRUCTION. OVAL OUTTAKE 3¾x4¾ WITH 4x4½ MOUNTING FLANGE. 115 VAC 50/60 Hz. SIZE: 7x9x10½, WT: 20 LBS. #CHX29A2G, UNUSED, $29.95

T-195 TRANS. ASSY.

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHZ. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH ½x3/16" DIA. SHAFT. 2½x3¼x7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, $7.95

EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHZ. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4½x3½x8, 12 LBS. EXC/T-195, $14.95

VARIABLE CAPACITOR, 13.5-77.8 MMF ONE SECTION; 17-99.6 MMF THE OTHER. 0.094" AIR GAP. WITH ¾x¼" DIA. SHAFT. 5¼x1½x3¼ OVERALL. C-221/T-195 $3.95

VARIABLE CAPACITOR, 25-485 MMF ONE SECTION; 23-437 MMF THE OTHER. 0.03" AIR GAP. WITH GEARS 1½" DIA. AND 5/8" DIA. 4½x3x4½ OVERALL. C-222/T-195 $4.95

ANTENNA TUNING VARIABLE CAPACITOR, 20 TO 400 MMF, 0.03" AIR GAP. WITH 5/8" x¼" DIA. SHAFT. 4x1-5/8 x1½ OVERALL. C-1003/T-195 $3.95

AM-FM TUNER

AM-FM TRANSISTORIZED TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF, DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE. UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM. 4¼x3¼x1¼ BC-CD-34 TUNER **$2 EA.; 3 FOR $5.**

U.H.F. RECEIVER

R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2½" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED $34.95

MN-26K RADIO COMPASS

BENDIX MN-26K RADIO COMPASS, USED WITH AIR NAVIGATION EQUIPMENT AS DIRECTION FINDER OR GENERAL RECEIVER. COVERS 200 TO 1750 KHZ IN BANDS (200-410), (410-850), & (850-1750 KHZ). TUNE DIRECT OR REMOTELY WITH SPLINE SHAFT AND CONTROL BOX. REQUIRES 230 V. 100 MA AND 28 VDC. W/TUBES 6F6, 6B8, 2/6J5, 2/6N7 AND 5/6K7. CONVERSION INFO INCLD. 17½x11½x12; 45 LBS. USED, LESS DYNAMOTOR, $16.95

MN-28LB CONTROL BOX F/MN-26LB REC. SOME DIAL NUMBER CHANGE REQ. FOR USE WITH MN-26K $3.95
MC-124 FLEXIBLE SHAFT F/MN-26 20" 1.50
MC-127 SPIN TUNING KNOB FOR REC. 1.50
MC-203 "T" ADAPTER FOR SHAFT & KNOB USE 1.50
MN-26 MANUAL FOR MODELS A,C,M,W,Y,X (BASICLY SAME AS "K" & OTHERS. 5.00

70 TO 100 MHZ RECEIVER

R-19/TRC-1 RECEIVER; 70 TO 100 MHZ FM IN 300 CHANNELS. 1ST IF VARIABLE FROM 32.5 TO 47.5 MHZ; 2ND FIXED 5 MHZ. OUTPUT IMPEDANCE: 6 OHMS. WITH TUBES 7/6SH7, 3/6AC7, 2/6H6, 2/6X5, 6SN7, 6SL7, AND 6X5. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 8x12¾x19¼ SHPG. WT: 50 LBS.

PRICE: USED, LESS CRYSTALS, $29.50

POWER AMPLIFIER

AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/0D3 V.R TUBE THE FILAMENT TRANSFORMER 5 V.CT 15 A. IS SUPPLIED IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10½x12; WT: 55 LBS. IN CHEST 100 LBS

PRICE: USED, WITH 4E27 TUBES, $50.00

TRANSISTORIZED RECEIVER

R-962/ARR-52 VHF RECEIVER, 162.5 TO 173.5 MHZ IN 16 CRYSTAL-CONTROLLED CHANNELS. DOUBLE CONVERSION, SUPERHETERODYNE UNIT DETECTS AM, FM, AND VIDEO SIGNALS. CONSISTS OF FIVE PLUG-IN MODULES USING PRINTED CIRCUITS; NO TUBES. CONVERSION POSSIBLE FOR TWO METERS, VHF WEATHER, SATELLITE TV, ETC. (SEE OCT. '74 CQ MAG FOR DETAILS.) POWER REQUIRED: 18 VDC. SIZE: 7½x2½x10; SHPG. WT: 9 LBS. PRICE: USED, $19.95

20 CHANNEL RECEIVER

R-550/ARR-40 VHF RECEIVER 265 TO 284.9MHZ IN 20 CHANNELS. GUARD CHANNEL 243.0 MHZ. ONE MEGAHERTZ CHANNEL SPACING. RECEIVER MODULES AUDIO, 1.85MHZ IF, IF AND GUARD, RF AND INJECTION UNIT. TUBES: 7/6201, 8/5840, 3/6AK5, 2/5896, 5902. POWER REQUIRED: 28VDC, 130V 140MA, 220V 20MA. SIZE 12½x4½x6. SH WT 15 LBS. W/COVER, SCHEMATIC; USED, $19.95
28 VOLT DYNAMOTOR FOR R-550 WT 5 LBS $4.95

VHF RECEIVER

BC-639 RECEIVER, 100 TO 156 MHZ AM, CONTINUOUSLY TUNABLE OVER A SINGLE BAND. CONTROLS FOR CW, TONE, AVC-MANUAL, RF AND AUDIO GAIN, ATTENUATION, AND SENSITIVITY. WITH TUNING METER, 6SQ7, AND 6K6. POWER REQUIRED: 210 VDC 60 MA AND 6.3 VAC 3.5 AMPS. SIZE: 10½x19x10; SHPG. WT: 48 LBS. USED, REPARABLE, $30. CHKD, $50.
RA-42 POWER SUPPLY, PROVIDES VOLTAGES FOR BC-639 FROM 115/230 VAC 50-60 HZ. SIZE: 7x19x8; SHPG. WT: 32 LBS. USED, $34.95
CONNECTOR FOR RECEIVER OR POWER SUPPLY, $3.
MANUAL, PARTIAL REPRODUCTION, $8.50

U.H.F. RECEIVER

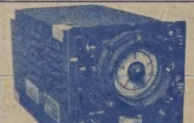
R-278 RECEIVER 225-399.9 MC, AM, CRYSTAL FREQ. CONTROL 1750 CHANNELS 0.1 MC INTERVALS, 10 PRESET CHANNELS, AUDIO FREQ. RESPONS WIDE 200 TO 20,000 CYCLES NARROW 200 TO 5000 CYCLES AVC, SQUELCH, AIR COOLED, POWER REQ. 115/230 V. 50-60 CYCLE. UNITIZED CHASSIS, RACK MTG. SIZE: 19x12½x20; WT: 115 LBS. USED SERVICEABLE

PRICE: R-278 WITH FORTY-FOUR TUBES, LESS GUARD CHANNEL USED $125.00

RT-18/ARC-1 TRANSMITTER & RECEIVER AM, 100 TO 156 MC 30 WATT CW AND PHONE, CRYSTAL CONTROL. VOLTAGE REQUIRE 360 VDC @ 135 MA AND 24 VDC WITH TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 1/6SL7 AND 2/832. SIZE: 10½x8x20; WT: 45 LBS.
PRICE: 20 CHANNEL $45
DY-9 DYNAMOTOR 26VDC $10/DY-10 13/26 USED $15

RO-28/UNH-6 2 CHANNEL TAPE RECORDER USES ¼ INCH TAPE 7" REELS FOR 45 MINUTE RECORDING TIME. USES TWO 28VDC MOTORS, ONE AS CAPSTAN DRIVE MOTOR OTHER AS TAKE UP MOTOR. POWER REQUIRED 28 VDC FOR MOTOR AND FILAMENTS, 115V 400HZ SUPPLIES B PLUS FOR TUBES. HAS ONE 1½" VU METER TO SET LEVELS. TUBES 6TF4, 26Z5, 0A2, 5/5703, 2/6533 SIZE 8x5x19½ LONG SHPG WT: 30 LBS. USED $24.95

BC-788 TRANSMITTER RECEIVER AIRCRAFT ALTIMETER, PULSE TYPE, TRANS. OUTPUT 50 WATTS, FIXED FREQUENCY 440 MHZ, WITH TUBES 1/6LE 9/6AG5 & 1/5Y3. POWER REQ. 115 V. 400-2400 CYCLE. SIZE: 15½x9x8; WT: 13 LBS. PRICE: USED $18.95



I-152(*) INDICATOR; USED WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DP1 CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6½x6½x12; WT: 9 LBS.
PRICE: USED $8.95 SCHEMATIC $1.00

ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM 162.25 TO 173.5 MHZ. DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRESET CHANNELS. IF=30 MHZ. INPUT IMPEDANCE: 52 OHMS. MORE RECENT VERSION OF THE R-316/ARR-26 RECEIVER. CONVERSION INFO FOR R-316 TO 145-175 MHZ PLUS AUDIO, SQUELCH, AND 115 VAC 60 HZ POWER MODIFICATION INFO INCLUDED. WITH TUBES 7/6AK5, 2/6AS6, 2/6AL5, 6J6, AND 5814. POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC. SIZE: 5x8x17, WT: 20 LBS. USED, $19.95

J-953/ARR-58 JUNCTION CABINET, INCLUDES TWO R-863 RECEIVERS, TWO AM-1870 AUDIO FREQUENCY AMPS, AND ONE AM-1871 RF AMP. USED, $45.00

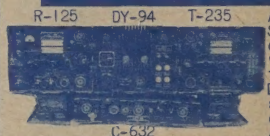
R-390A/URR RECEIVER

R-390A/URR RECEIVER, TRIPLE CONVERSION SET COVERING 0.5 TO 32 MHZ READ DIRECTLY FROM COUNTER-TYPE INDICATOR. 1ST IF VARIABLE 17.5 TO 25 MHZ; 2ND IF, 3 TO 2 MHZ; 3RD IF FIXED 455 KHZ. RECEIVES CW, MCW, AND VOICE; ALSO SINGLE SIDEBAND AND FSK THROUGH USE OF BFO. WITH BUILT-IN CRYSTAL CALIBRATOR EVERY 100 KHZ. OUT IMPEDANCE: 600 OHMS; ANTENNA IMPED: 125 OHMS BALANCED. MECHANICAL FILTERS. POWER REQUIRED: 115/230 VAC 60 HZ. SIZE: 10½x19x16¾; SHPG. WT: 95 LBS. 84 LBS. NET.
PRICE: USED, REPARABLE, $425. CHECKED, $550.
R-390A TECHNICAL MANUAL, $12.00
CV-157/URR SSB CONVERTER F/R-390A, USED, $150
CV-116/URR FSK CONVERTER F/R-390A, USED, $145

R-390/URR RECEIVER, SAME AS R-390A, BUT WITHOUT MECHANICAL FILTERS. USED, P.U.R.*
R-388/URR RECEIVER, 0.5 TO 30.5 MHZ IN THIRTY BANDS; MILITARY COLLINS 51J3. USED, P.U.R.*
R-648/ARR-41 RECEIVER, 195-550 KHZ AND 2-25 MHZ; 27.5 VDC 4 AMPS. USED, P.U.R.*
R-220/URR RECEIVER, 20-230 MHZ AM-FM, P.U.R.*
RYCOM 2174 LF RECEIVER, 0-420 KHZ IN 6 BANDS. DESIGNED AS SELECTIVE VOLTMETER. P.U.R.*
HAMMARLUND SP-600-JX RECEIVER, 0.54 TO 54 MHZ AM, CW IN SIX BANDS; BFO. USED, CHKD., $295.

RCA CR-91A RECEIVER, 0.74 TO 30.4 MHZ IN SIX BANDS; BFO. RECONDITIONED, CHECKED, $250.00

AN/GRC-10 RADIO SET



AN/GRC-10 RADIO SET, CONSISTS OF R-125 RECEIVER, T-235 TRANSMITTER, DY-94 AC POWER SUPPLY, C-632 CONTROL UNIT, AND THE MT-700 RACK DESCRIBED SEPARATELY BELOW. USES SAME ACCESSORIES AS THE OTHER GRC EQUIPMENT WE ADVERTISE. SHPG. WT: 250 LBS. USED, $200.00

R-125/GRC-10 RECEIVER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. DUAL CONVERSION TYPE WITH A FIXED IF OF 4.3 MHZ AND A TWO-STAGE VARIABLE IF OF 15.15-16.05 MHZ. HAS CRYSTAL AND AFC FREQUENCY CONTROL; ANTENNA TRIMMER; AND SQUELCH. METER INDICATES OSC 1, OSC 2, 3RD IF, 1ST LIM, DISC PRI, DISC-, DISC+, AND LINE LEVEL. OUTPUT IMPEDANCE: 600 OHMS (SPEAKER) OR 4 OHMS (EARPHONE OF HANDSET). HAS 23 TUBES. POWER REQUIRED: 200 VDC 100 MA (PLATE AND SCREEN); AND 24 VDC 1.3 AMPS (FILAMENTS). SIZE: 11½x9x12½; SHPG. WT: 36 LBS. USED, $50.

T-235/GRC-10 TRANSMITTER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. TRANSMITS VOICE, MULTI-CHANNEL TELEPHONE, TELEGRAPH, OR FACSIMILE IN ANY COMBINATION. POWER OUTPUT: 40 WATTS (HI) AND 10 WATTS (LO). HAS CRYSTAL-CONTROLLED MONITOR RECEIVER FOR AFC. AUDIO INPUT IMPEDANCE: 600 OHMS (WIDE-BAND) AND 150 OHMS (MICROPHONE). OUTPUT IMPED: 50 OHMS. FORCED-AIR COOLING. METER INDICATES XTAL OSC, AFC-, AFC+, LINE LEVEL, RF POWER, PA PLATE, PA GRID, AND OSC. HAS 16 TUBES INCLUDING ONE 4X150D IN THE POWER AMP. POWER REQUIRED: 550 VDC 150 MA (PA PLATE); 250 VDC 120 MA (PLATE AND SCREEN); 20 VDC 25 MA (MIC) AND 24 VDC 1.7 AMPS (FILAMENTS). SIZE: 11 x9x12½; SHPG. WT: 40 LBS. USED, $89.50

DY-94/GRC-10 AC POWER SUPPLY FURNISHES ALL THE NECESSARY VOLTAGES FOR THE R-125 AND T-235 FROM POWER INPUTS OF 115/230 VAC 50-65 HZ (292 WATTS) OR 24 VDC (326 WATTS). HAS FORCED-AIR BLOWER FOR COOLING. SIZE: 11½x9x12½; SHPG. WT: 75 LBS. USED, $99.50

C-632/GRC-10 CONTROL SET COORDINATES THE POWER AND ANTENNA CONNECTIONS IN THE GRC-10 SET AND WITH OTHER SYSTEMS. POWER REQUIRED: 115/230 VAC 50-65 HZ OR 24 VDC. SIZE: 17x3½x12½; SHPG. WT: 15 LBS. USED, $34.95

9-PIN GRC CONNECTOR FOR POWER/CONTROL, $2.50
OTHER GRC/VRC ACESSORIES LISTED ON PAGE 18.

*P.U.R. = PRICE UPON REQUEST

400 WATT TRANSMITTER

T-631/GRC-14 TRANSMITTER, 2 TO 20 MHZ 400 WATTS PEAK OUTPUT, 100 WATTS NOMINAL CARRIER. EMPLOYS DECADE TYPE TUNING IN 100 HZ STEPS: WITH BANDS: (2-3), (3-6), (6-10), AND (10-20 MHZ) TRANSMITS AM PHONE, CW, OR FSK. HAS AFC OR MANUALLY ADJUSTED VFO. FREQUENCY SHIFT OF ±500 HZ. METER INDICATES FSK SYNCHRONIZATION. ALSO METERING FOR RF LINE AND MANUAL TUNE. INPUT IMPEDANCE: 100 OHMS (MIC) OR 600 OHMS (LINE). OUTPUT IMPED: MATCHED OR 50 OHMS WITH RF TUNER BYPASSED. WITH 28 TUBES INCLUDING THREE 4X250F'S IN THE POWER AMP.

SIZE: 13¾x29x17½; SHPG. WT: 230 LBS. NET: 157 LBS. SEPARATE AC POWER SUPPLY PP-1711 PROVIDES THE NECESSARY VOLTAGES FOR THE T-631 FROM 115 VAC 60 HZ OR 26.5 VDC AND 24 VAC. ALSO 115 VDC OUTPUT FOR TELETYPE LOOP CURRENT. SIZE OF PP-1711: 10x29x17½; SHPG. WT: 310 LBS. NET: 284 LBS. USED, NOT CHECKED PRICE: T-631 XMITTER & PP-1711/GRC-14, $250. T-631, R-808, & PP-1711/GRC-14, P.U.R.

MANUAL FOR MRC-55, COVERS GRC-14, $20.00

RECEIVER WITH FSK

R-808/GRC-14 RECEIVER WITH FSK CONVERTER; CONTINUOUSLY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16), AND (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF'S OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH: 700 HZ (BROAD) OR 350 HZ (SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS METER FOR TELETYPE TUNING; HOLD-OPERATE AND NORMAL-REVERSE TELETYPE LINE SWITCHES. INPUT IMPEDANCE: 300 OHMS (HI-Z) OR 50 OHMS (LO-Z). OUTPUT IMPED.: 600 OHMS. USES 46 TUBES. POWER REQUIRED: 115 VAC 60 HZ OR 26.5 VDC 5 AMPS. SIZE: 13¾x10x17½, SHPG. WT: 80 LBS. USED, EXCELLENT, NOT CHECKED, P.U.R.

JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5½; WT: 40 LBS PRICE: USED $9.95

TELEGRAPH SET

TG-5 TELEGRAPH SET, USED OVER SHORT LINES WITH FEW INTERMEDIATE STATIONS. SET CONSISTS OF J-41 KEY, HS-20 HEADSET, 1000 HZ. INTERRUPTER, AND BELL. J-41 IS AN OPEN-CIRCUIT TYPE KEY MOUNTED ON BAKELITE. COMPONENTS PLACED IN ALUMINUM BOX. ALSO CANVAS BAG AND MANUAL INCLUDED. OPERATES FROM TWO D CELL BATTERIES (3 VDC) AND 22.5 VDC. SIZE: 5½x10x5½; SHPG. WT: 10 LBS. UNUSED, $18.95

C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9½x12; WT: 25 LBS. USED $6.95

RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 PCS. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW $14.95

TA-1/PT TELEPHONE

SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8½x3½x3½; WT: ACT 2LB USED $19.95 EACH

TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1½ V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. $34.50

FREQUENCY SHIFT CONTROL

C-975/FRR-33 RECEIVER CONTROL; PROVIDES AUTOMATIC FREQUENCY CONTROL OF AUDIO FREQUENCIES USED IN FSK SYSTEMS WITH 850 KHZ SHIFT USING TWO RECEIVERS WITH IF'S OF 455 KHZ. DISCRIMINATOR DETECTS FREQUENCY DRIFT AND A CORRECTION VOLTAGE IS FED TO THE BFO. CONTROLS FOR TWO CHANNELS, AFC THRESHOLD, DISCRIMINATOR FREQ., AFC DISCHARGE, AND KC CORRECTION METER. WITH TUBES 2/2D21, 5/6BJ6, 2/6AK5, 2/6C4, 6J4, 9/6BH6, 3A4, 2/26Z5, 6/12AU7, 12AX7, 2/5651, AND 6082. POWER REQUIRED: 115/230 VAC 50-60 HZ. 19x8¾x16½; 60 LBS. UNUSED, W/SCHEM., $60.

C-974/FRR-33 SELECTOR CONTROL, ORIGINALLY USED TO CONTROL TUNING AND SWITCHING CIRCUITS IN CU-286 ANTENNA COUPLER (NOT AVAILABLE) AND TUNING AND RF CIRCUITS IN TWO R-391 RECEIVERS (NOT AVAILABLE). EIGHT CHANNEL AND FOUR FUNCTIONAL SELECTIONS DONE WITH TELEPHONE DIAL AND INDICATED ON PANEL LIGHTS. INCOMING 1105 HZ TONE PULSES FROM A 600 OHM BALANCED LINE ARE AMPLIFIED AND RECTIFIED INTO DC PULSES WHICH ACTUATE SWITCHING RELAYS. TONE PULSES CAN BE GENERATED LOCALLY OR REMOTELY. SENSITIVITY -30 DBM. WITH 5Y3, 2/6AU6, 6AK6, 6C4, 12AX7, 5651, AND 6082 TUBES. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 19x8¾x16; SHPG. WT: 60 LBS. PRICE: UNUSED, W/SCHEMATIC, $39.50

C-973/FRR-33 REMOTE SWITCHING CONTROL, SUPPLIES 1105 HZ TONES FOR THE CONTROL OF THE C-974 FROM A REMOTE LOCATION. OUTPUT LEVEL: +10 TO +10 DBM. WITH TUBES: 5Y3, 3/6AK6, 6AU6, 5651, AND 6082. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 12¾x8¾x10; SHPG. WT: 30 LBS. UNUSED, WITH SCHEMATIC. $18.95

RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS.

WITH 9 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12¾; WT: 150 LBS.

PRICES: USED LESS CABINET REPARABLE $19.95
" WITH " " 24.95
GOV' RE-CONDITIONED W/CABINET 30.00
AS ABOVE W/PENS, ADJUSTING, TOOLS/BOOK 34.50

MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS. RACK MTG. 19x4½x12; WT: 25 LBS. PRICE: UNUSED $12.95

AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC 1 AMP OPERATING 1D CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13½x4½x6¾; 12 LBS. PRICE: W/COVER N$12.95

SWITCHBOARD PANEL ASSEMBLY 10 RED, 10 GREEN LAMPHOLDERS W/DIMMER, LEVER SWITCHES MOMENTARY SIDE BREAK ONE, & BREAK & MAKE, CENTER-OFF, OTHER SIDE MAKE 4,320 SERIES LAMPS NOT INCLUDE SIZE: 11x4¼x4; 8LBS. ASSY#770938861 $24.95 GRAIN/WHEAT LAMP 327 24 V. 59¢ EA. 2 FOR $1

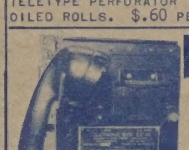
SIGNALING SYSTEM

DUPLEX SIGNALING UNIT DSU-2 AUDIO TONE TRANS. & REC. FOR USE IN THE 2000 TO 7475 HZ CARRIER SYSTEM FOR LAND LINE, POWER LINE OR RADIO SIGNALING. REC. CAN BE ON SAME OR DIFFERENT FREQ. CH. CNT. FRE 2000-3500 @ 100HZ INTER. KEYING SPEED 14-21 P-PER-SEC. TRANS. OUTPUT 600 OHM. REC. INPUT 600 OHM. POWER REQ. 105-125V. 50/60HZ, FOR 19" RACK MOUNT. W/TUBES 2/12AU7, 2/6AG5, 1/6AL5, 1/5964 (RELAY) 1/5Y3 ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY. W/BUZZER & VOICE BAND FILTER PANEL. SIZE: 3½x19x8, OTHER UNITS 1¾" DEEP. WT: 50LB HAMMARLUND DSU-2M W/MANUAL $18.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15½x8¾x9; WT: 35 LBS. PRICE: USED $19.95

TAPE, TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. $.60 PER ROLL; 10 ROLLS $5.00



TELEPHONE BOX

EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7½x5 WT: 16 LBS. NEW $19.95

OPERATOR'S CIRCUIT

TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. PRICE: RECONDITIONED, $14.95

FIELD PHONE-CONTROL SET

C-2172/GRC-14 FIELD REMOTE CONTROL SET; DESIGNED FOR USE WITH AN/GRC-14 RADIO GROUP IN AM, PHONE, AND CW KEYING OPERATIONS OVER A TWO-WIRE 600 OHM TELEPHONE LINE. INCLUDES 20 HZ RINGER SYSTEM CONSISTING OF A HAND-CRANK MAGNETO GENERATOR AND BELL. WHEN USED WITH A H-33/PT HANDSET, THE CONTROL UNIT IS FUNCTIONALLY A FIELD TELEPHONE. TERMINALS PROVIDED FOR PHONES, MIC, AND KEY. SWITCHES FOR SERVICE (CW, AM, AND TEL); FSK CONTROL; AND SIGNAL (BELL OR CALL LIGHT). SOLD WITH H-33/PT HANDSET. POWER REQUIRED: TWO "D" CELL AND ONE 45 VDC BATTERY (NOT AVAILABLE). SIZE: 3¾x9-3/8x7-1/8; SHPG. WT: 13 LBS. PRICE: UNUSED, WITH USED H-33/PT, $19.95

Headsets — Telephone Equipment — Microphones — Handsets

HEADSET & CUSHIONS

HS-23 HEADSET ONLY (MODIFIED) W/HB-7 HEADBAND, 4½' CORD STD. 2 CIR. PHONE PLUG & 2000 OHM PHONE ELEMENTS. NEW LESS CUSHIONS $8

CUSHIONS ONLY
MC-162 SMALL RUBBER CUSHIONS $1
MX-41 MEDIUM RUBBER CUSH. $1.25
M-301 CHAMOIS $2

#ZA/CAN1638 DYNAMIC HEADPHONES, 50 OHMS IMPED; MOVING COIL-TYPE, QUALITY REPRODUCTION. ADJUSTABLE CANVAS STRAP FITS ON TOP THE HEAD; STEEL-BAND BEHIND. WITH CHAMOIS CUSHIONS, "Y" CORD, AND PHONE PLUG. UNUSED, $4.95

HS-230 HEADSET W/PL-54 PLUG ON 13" CORD, VELOUR TYPE CUSHIONS, 250 OHM ELEMENTS AS USED ON HS-30 HEADSET, HEADBAND, NEW, ELEMENTS USED. COMPLETE W/ ELEMENTS $6.95
HEADBAND AND CUSHIONS ONLY $4
SEE BELOW CD-307 EXTENSION CORD.

SHURE 520B MAGNETIC MICROPHONE FOR PA AND BASE STATION USE. GREEN AND CHROME FINISH; BULLET-STYLING. IMPED: 150-250 OHMS FREQ. RESPONSE: 100-9000 HZ. WITH 7' 2-COND. CABLE. #CR-20D/520B, UNUSED, $15.

T-17 MICROPHONE CARBON 35 TO 90 OHMS WITH PUSH TO TALK SWITCH 5 FT. CORD WITH PL-68 PLUG THREE CIRCUIT. WT: 1LB
PRICES.
USED: $6.95
RE-CONDITIONED $9.00

T-45 LIP MIC

BRASS KEY WITH 2 BEARINGS; ADJUST. CONTACTS, COVER, CORD, AND PLUG. #R11950, $4.75

M-86/U MAGNETIC MICROPHONE: 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED $14.95

T-30 THROAT MIC.

Elements only $1.50 a dozen

T-45 MICROPHONE CARBON TYPE 100OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONS WITH PL-291 2 CONT MALE PLUG, 11" CORD
NEW $2.00

CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG.
USED $1.50

T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONS WITH PL-291 2 CONT MALE PLUG, 11" CORD
PRICE: USED 3/$1
UNUSED $1.50

CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD
USED $2.00

PL-68 MIC PLUG 30" CORD 75¢

JK-33 JACK TO FIT PL-68 MIC. PLUG.
USED 5 FOR $1.00

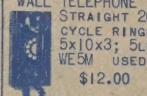
CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG.
NEW 50¢ USED 25¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG
NEW $1.25

PL-55 PHONE PLUG 30" CORD 75¢

JK-34 PHONE JACK TO FIT PL-55 PLUG
USED 5 FOR $1.00

PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G34820 NEW $1.00



BELL

WE ECI-50 RINGER W/SOUND ADJUSTMENT 20 CYC, IVORY ONLY 3x5x1½. NEW $10

COILED CORD SET

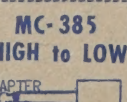
COILED CORD SETS

THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" $1.00

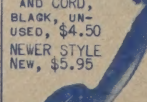
ONE CONDUCTOR
#18 6 FT.-18 FT. $1.00

MC-385 HIGH to LOW



ADAPTER
IMPEDANCE FOR HEADSET 4000-600OHM
USED $.50
NEW $.75

WALL TELEPHONE STRAIGHT 20 CYCLE RINGER 5x10x3; 5LB WE5M USED
$12.00



STANDARD TELEPHONE HANDSET AND CORD, BLACK, UNUSED, $4.50
NEWER STYLE NEW, $5.95

STANDARD TELEPHONE DIAL
USED $1.50

H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE)
WT: 3LBS. USED-EX $3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. $3.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW
USED $1.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS $1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 $1.25

WESTCLOX 202 KEY WITH ADJUSTABLE CONTACTS; COVER, CORD, AND PL-55. #W-202/5854, $3.95 EA. 3/$10.

THIS IS THE KEY USED TO MAKE THE TWIN PADDLE KEY DESCRIBED IN QST ARTICLE OF FEB. 1973. THREE A-202 KEYS ARE REQUIRED, PLUS 3 BINDING POSTS AND BASE. ALSO SMALL HARDWARE & FINDINGS

TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON
WBNN 551 TURNER
LIMA, OH 45804

STANDARD TELEPHONE EQUIP.

CALL COMMANDER SWITCHBOARD NE634C-1 AS REMOVED FROM SERVICE. 11 LINES $24.95
17 " 34.95
5 LINE KEY BAR ONLY $ 8.00

PRINCESS TELEPHONE, BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE $14
WT: 20 LBS.

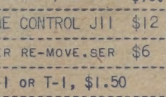
DESK SET (AE) WITH DIAL, 6 BUTTON 5 LINE 1 HOLD, WITH CORD, CABLE & PLUG, AS REMOVED FROM SERVICE $15

DESK SET (SC) WITH DIAL, SIMILAR TO AE. SC#1543 REMOVED F/SERVICE $10.

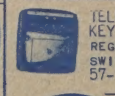
AMPLIFIED HANDSET WITH VOLUME CONTROL J11 $12

WE F-1A 20 CYCLE CHIME RINGER REMOVE. SER $6

STANDARD TELEPHONE BUTTONS U-1 OR T-1, $1.50



DESK SET AE 85D WITH DIAL 2 LINE W/ CABLE, AS REMOVED FROM SERVICE, NO COLOR CHOICE IF AVAILABLE, WILL SEND $13

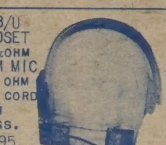


TELEPHONE 5 LINE HOLD KEY BOX AE 7030, CAN BE USED WITH REGULAR TELEPHONE OR ANY OTHER SWITCHING REQUIREMENT, W/ AMP. CONN 57-10500-7. S.5x5½x2½; 3LBS.U $8

WE-302 TELEPHONES; OLD, ANGULAR STYLE. STRAIGHT OR COIL CORD (NO CHOICE); BLACK. USED, $6.95

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1½x3½ #6988
$ .50

TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) $3.95



H-63/U HEADSET 600&OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS.
$4.95 USED
MIC. OR PHONE ELEMENTS ONLY, $1 EA.

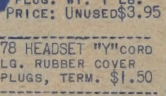
T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5½ FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB.
PRICE: UNUSED $3.95

CO-78 HEADSET "Y" CORD 7' LG. RUBBER COVER NO PLUGS, TERM. $1.50

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. $2.00

DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW $1.50

SWITCHBOARD CORD 4½' W/PL-47 #BD-96 $1.00



SECIFY OHMS YOU WANT 40 1250 OR 2500 D.C. OHMS

TELEX HEADSET $4.95 USED

GRAY PLASTIC BAND OVER METAL FRAME, RUBBER CUSHIONS, NO PLUG ON CORD. ELEMENTS ONLY FOR 1250 OHM 50¢

HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND

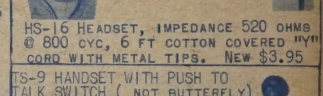
7 FOOT CORD WITH PL-55 PLUG (CD-605).
USED $2.75 EA.

H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM W/CORD UG-77 PLUG & PUSH TO TALK SWITCH.
USED $5.95

HS-16 HEADSET, IMPEDANCE 520 OHMS @ 800 CYC, 6 FT COTTON COVERED "Y" CORD WITH METAL TIPS. NEW $3.95

TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. $4.95

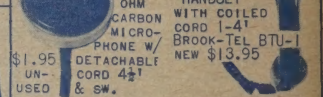
HANDSET CW51070, PUSH BUTTON F3,4 COND. CORD, NO PLUG OR STROMBERG CARLSON W/BAR PUSH SW. 3CIR. PL#1016 N $9



RS-83 100 OHM CARBON MICROPHONE W/ DETACHABLE CORD 4½' & SW.
$1.95 UNUSED

SOUND POWERED HANDSET WITH COILED CORD 1-4' BROOK-TEL BTU-1
NEW $13.95

CX-1422/U "Y" CORD FOR HANDSETS. 10 FT. 10 INCHES LG. WITH PL-55 ON ONE LEG; PL-68 THE OTHER. UNUSED, $4.50

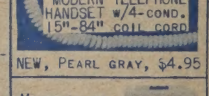


BRASS KEY WITH THREE BEARINGS; ADJUST. CONTACTS, COVER, CORD & PLUG. SIZE: 2x5x1½ 3B-#9, $7.50

MODERN TELEPHONE HANDSET W/4-COND. 15"-84" COIL CORD
NEW, PEARL GRAY, $4.95

SOUND POWERED HEAD & CHEST SET

SOUNDPOWERED HEAD & CHEST SET. MIC ON BREAST PLATE 20' CORD. RUGGED UNIT. NO BATTERIES NEEDED. USED
$15.00

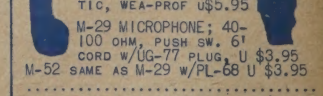


MICROPHONE DYNAMIC 6' CORD, STD. PLUG, PUSH SW. PULL OUT HOLDER WEBCOR 395
NEW $2.50

MICROPHONE SINGLE BUTTON CARBON HAND-HELD, PUSH SW. 4' CABLE W/ AMPHENOL 3 CNT. PLUG, ALUMINUM CONST. SK8-226-263 NEW $7.95

H-60 HANDSET: 150 OHM REC. 25-45 OHM MIC. PUSH SW. 7 COND. 5' COIL-CORD, IMPACT PLASTIC, WEA-PROF U$5.95

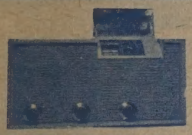
M-29 MICROPHONE; 40-100 OHM, PUSH SW. 6' CORD W/UG-77 PLUG, U $3.95
M-52 SAME AS M-29 W/PL-68 U $3.95



CHAMOIS HEADSET CUSHIONS 4" DIA.
$2.25 PR.

TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4½x1 4B366/A
$1.50

TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1-1 40 WATT, 1-5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 $1.50



TELEMETER PROGRAM SELECTOR USED FOR PAY TELEVISION. CHOICE OF 3 PROGRAMS, PRE-RECORDED TAPE GIVES PROGRAM INFO. & AMOUNT OF MONEY THAT IS TO BE PUT IN REGISTER FOR EA. PROGRAM, AS SHOWN ON THE COIN REGISTER. A 8 MC. SIGNAL IS USED TO TRIGGER THE MECHANISM AND WE ASSUMED A 35 MC SIGNAL CARRIES THE VIDEO AND VOICE (ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATLY.) SIZE:15x7x7; WT: 25 LBS. COMPLETE UNIT #1001/5 $9.95

HIGH IMPACT PLASTIC CABINET ONLY #TELE-CAB.1001 $3.00

COIN REGISTER MECHANISM CONTAINS TWO ACTUATING PLATE TYPE SELENOIDS 300 AND 1200 OHMS. CRAMER 115v60 CYCLE, 5 RPM SYNCHRONOUS MOTOR, OPEN FRAME 115 v. 60 CYC. GEARED MOTOR, WITH GEARED MECHANISM AS USED IN COIN OPERATED TV PROGRAM SELECTOR SYSTEM. ALSO GEARS, LITES COIN NUMBERING RECORDING DIALS ETC. SIZE:7x5x6; WT: 8 LBS. TELE-REG.#1004 RE-MOVE $5

TAPE MAGAZINE 1/4" 66 FT. CONTINUOUS LOOP TYPE. HAS RECORDING HEAD, FOR 20 RPM OPERATION. USED WITH COIN REGISTER DISCRIBED ABOVE. (NOT MOTORIZED) SIZE:4x6½x3; WT: 2 LBS. TEL-TAPE#1003 RE-MOVE $3.00

TELEMETER CHASSIS; WITH 4" SPEAKER, 2 PLATE RELAYS, R.F. COILS FOR 8 MC. 115 v. 60 cy POWER SUPPLY, OUTPUT 150VDC 100MA & 6.3v@3A. 8135 CRYST. W/TUBES 3/6U8, 6BE6, 6BA8 & 12BH7 1EA. SIZE:10½x6x6; 10LB TELE-CHASSIS#1002 RE-MOVE$7

BRUSH SETS

BD-77
PE-73
DY-17
$3.00
PER SET

DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83		BD-93	BD-69
	PE-86		
DA-1A	DA-12	DA-14	DA-1F
DY-21	DY-22		SP-125

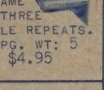
OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES $1.00

TIMER BONANZA

TIMER CONTROL FROM CARTRIVISION VIDEO SYSTEM. CONTAINS 115 VAC 60 Hz TIMER MOTOR WITH SPDT CONTACTS; UP TO 8 HOUR DELAY. ALSO 18 VDC 200 MA TRANSFORMER; 12 VDC SPST RELAY; SPDT AND 4PDT (CENTER-OFF) SLIDE-SWITCHES; SPST MICROSWITCH; OTHER PARTS, $1.95 EA, 3/$5

TIME-O-MATIC SIGN CONTROL, 115 VAC 60 HZ. THREE CONTACTS RATED 15 AMP EACH. TWO ALTERNATELY MAKE AND BREAK ONCE PER SECOND FOR 15 SEC; OTHER BREAKS FOR 20 SEC. AT THE SAME TIME. THEN ALL THREE MAKE AND THE CYCLE REPEATS. SIZE: 3x5½x6; SHPG. WT: 5 LBS. #53 K-155, $4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2½x4½; 4C5100.60A $1.50

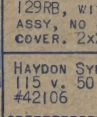


SYNCHRON CLOCK MECHANISM, No.610 110 v. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2½; 4oz. $1.35

HAYDON SYNCHRONOUS MOTOR 115 v. 50 HZ. 3/4 RPM CW #42106 $1.00

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 $1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 v 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR.$1.95



VARIOMETER, FOR USE WITH RECEIVER OR TRANSMITTER FOR MAX MATCHING OF ANTENNA TO SET TRANSMITTER MAX. 50 WATTS. USED WITH MARK II REC-TRANS CAN BE USED W/OTHER SETS HAS 0-200 DIAL, 360 USED SIZE:5x9; 8LB.PC75608 $5

VARIOMETER AS USED IN COMMAND TRANSMITTER. SIZE:2x3; 4oz.#7249 $1

VARIOMETER, SERIES WOUND SIZE 5¾x4; WT: 5 LBS. WILCOX-GAY PT#172428 $3

RF TANK COIL; 100 MH INDUCTANCE, 39 TURNS EDGEWISE WOUND RIBBON, 4 TURNS FLAT 3/8 x 1/16 SIL-PL. ON MIC ALEX. 1⅝x3⅛., COIL 8-7/8 2C6381B/C3 COLLINS $10

AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE:4½x2; 2 LBS. $5.95

RELAY CONTROL UNIT WITH 4/24 VDC REED AND 3/24 V. P&B 4PDT RELAYS. ALSO 1500 MFD 100 VDC AND 3000 MFD 25 VDC CAPACITORS; 6' 11-CONDUCTOR CABLE; AND SOLA TRANSFORMER WITH 24 V. AND 75 VDC OUTPUTS. NICE CASE: 6x5x10 (TOP), 3x5x10 (BASE); 15 LB. #RCU1, $9.95

RECORDING TAPE

MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10½" REEL; ¼" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT; 2 LB AST3045 $1.50 4 FOR $5

MYLER COMPUTER TAPE; 1/2" 1½ MIL APPROX. 2400 FT. REEL IS IN LOCK TOP BOX. 3LBS USED URC-AMPEX 838 OR EQUAL.$2.95 2/$5

VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6¾x5¾x3½ WT. 5 LBS. PRICE $4.95 NEW

IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS 2 GALLON, 3" PRESS CAP, 4½" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 $2.95

LONG DURATION TIMER WITH 115v RESET RELAY.115v 60 HZ 1/16 RPH MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3½x2½. UNUSED $2.95

ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2"SQ FACE. 115v 60 HZ. SH WT 2 LB. UNUSED $1.50

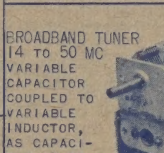
ELECTRIC TIMER ONE HOUR, OPENS AT END OF PERIOD 115 v. 60 CYCLE CONTACT 230 v 25 A. ROBERTSHAW 700-214 $1.95

12 HOUR SPRING TIMER HAS TWO SPST NORMALLY OPEN CONTACTS. THESE ARE CLOSED DURING THE TIMERS TIMING PERIOD. 3x3x2 SH WT 2LB $1.95

STEPPING SWITCH 115 v. 60 HZ RACHET TYPE UNIT THAT CAN BE WIRED TO MAKE UP TO 17 CONTACTS WITH ELECTRIC RESET. SIZE:4½x3½x2¾; WT: 1½ LB. MILLER#109S288 $2.95

ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR $1.00

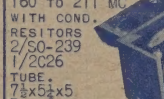
RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF R/T-7/APN1 TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2½x3x6"; 2 LBS. RE-MOVED FROM EQUIPMENT. RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2½x3½x6; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES....$1.50 LESS " .75



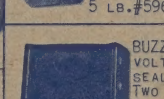
BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3½x2x3; WT: 1LB. RT-45 TUNER ONLY $1.95

TRANSMATCH ASSY ROTARY INDUCTOR, 16 TURNS, .5-4.15 MICRO-HY. W/VARIABLE CAP. 5-50 MMF. 2000v RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHZ. SIZE:2½x5x5 4 LBS. #B8N502 $6.95

ROTARY INDUCTOR ONLY, DESCRIBED ABOVE 45L-102 $3.95

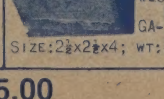


CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESITORS 2/S0-239 1/2C26 TUBE. 7½x5½x5 7 LBS. WITH TUBE $2.95



RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS.4½x6x3½; 5 LB.#596C-1 $2.95

BUZZER 24/28 VOLTS D.C IN SEALED CAN. TWO HOLE MTG. SIZE:3x2x1½; WT: 1 LB.#MH-12079 $.75



RATE-GYRO No.8511364 28 VOLTS D.C GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147--3 SIZE:2½x2½x4; WT:3LB.$4.95

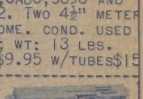
AUTOMOTIVE

THE AUTOMOTIVE TEST EQUIPMENT LISTED BELOW IS FROM THE HEYER INDUSTRIES DYNA-VISION AND MOTOR TUNE-UP EQUIPMENT LINE MADE FOR SERVICE STATION USE AND EVEN THOUGH IT IS OF OLD DESIGN IT MAY BE STILL BE USED FOR WHAT IT WAS INTENDED BUT WE DO NOT MAKE ANY GUARANTEE.

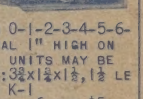
COIL & CONDENSER TESTER W/OHMMETER FOR AUTOMOTIVE USE VIBRATOR SUPPLIES THE NORMAL CURRENT TO THE COIL AT PROPER DWELL. CAPACITORS ARE CHECKED FOR CAPACITY, LEAKAGE, RESISTANCE ETC ASIDE FROM THESE METER ALSO HAS A 100,000 OHMMETER SCALE. METER IS 4½" SATIN/CHROME 500 MUA 2% ACCURACY. VOLTAGE REQ. 6/12 VDC#332 W/TUBES 1/12AU7, 1/OA2, 1/6X4 SIZE:14x5x6; 10LBS $14.95 U #332

MODEL #337 TACH & VOLTMETER: FOR AUTOMOTIVE USE. TACH RANGES 0-1000 & 0-5000 RPM, VOLT DC RANGE 0-18 ALSO PROVISIONS FOR PLUGING IN TIMING LITE. W/TUBES 1/0A2, 1/2D21. METER 4½" CHROME 500 MUA FOR 6/12 VDC OPER. SIZE:13x5x5; 8 LBS. $14.95U

DUAL TESTER; R.P.M. 0-1000 & 0-5000 SC. VOLTS SCALE 0-18 VDC LOWER METER IS FOR TESTING SPARK ADVANCE. ALSO PUG FOR TRANSDUCER ADAPTER. USES TUBES 1 EA.2D21 6AL5, 6AU6, 5696 AND No.336 2/OA2. TWO 4½" METER 500 MUA CHROME. COND. USED SIZE:13x5x5; WT: 13 LBS. LESS TUBES $9.95 W/TUBES$15

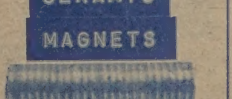


TELEREGISTER READ-OUT 12 VOLT D.C. IMPULSE COUNTER RACHET TYPE NUMBERS 0-1-2-3-4-5-6-7-8-9, NUMERAL 1" HIGH ON ROTARY DRUM, UNITS MAY BE GANGED. SIZE:3¾x1⅝x1⅛,1½ LE TELEREIGSTER K-1 PRICE: $1 EA. 6 FOR $5



M4A1 PERISCOPE WITH TELESCOPE M77C,1.5 POWER, COATED OPTICS, ERECT IMAGE ADJ. FOR ELEVATION AND DEPTH. ALSO MIRROR TYPE PRISMS EACH END OF PERISCOPE. SIZE:6¾x1¼x1⅛; WT: 9 LBS. PRICES: COMPLETE UNIT $12. PERISCOPE LESS TELESCOPE$7. TELESCOPE ONLY M77C $8. PRISMS ONLY $1.50

CERAMIC MAGNETS



CERAMIC MAGNETS W/KEEPERS 26 DISC'S 2¾" DIA. ¼" TH. IN TRAVELING WAVE TUBE CASING, 10½ LG. 5 LBS. TW-MAG-7740 $3.00

MINIMUM ORDER $5.00

MODULAR POWER SUPPLIES

LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT		PRICE
LMB-20	105-132	20V	1.8A	$35.00
LMCC-5	105-132	5V	10.5A	50.00
LMCC-5V	205-250	5V	10.5A	50.00
LMCC-20	105-132	20V	5.0A	50.00
LMCC-20V	205-265	20V	5.0A	40.00
LMD-20	105-132	20V	7.4A	60.00
LMD-20V	205-265	20V	7.4A	60.00
LME-5	105-132	5V	20A	70.00

PACKAGE SIZE: (B) TYPE: 3½x5x6½; (CC): 5x5 x9½; (D): 5x7½x9½; (E): 5x7½x11¼.

LRA RACKS FOR LAMBDA MODULAR UNITS AVAILABLE

SPERRY SOLID STATE P.S. 115/230V. 60HZ. OUTPUT 6VDC @ 3.5A., OR 12.03A @ 230V INPUT SIZE 8x10x11; 25 LBS. #4124957 $24.95

OUTPUT 6VDC @ 5A., -12VDC@2.5A. & 48VDC @ 5.5A SIZE:20½x9x8; 40 LBS. #411328 $39.95

OVER-VOLTAGE PROTECTORS FOR USE WITH THE ABOVE LAMBDA POWER SUPPLIES:

LM-OV-2	6-20 VDC	UNUSED-BOXED	$10.00
LM-OV-3	18-70 VDC	UNUSED-BOXED	$10.00

LAMBDA HIGH CURRENT POWER SUPPLIES, LTD. QTY

LMF-A-5	"	105-132v. 5V 31.5A	$150
LMF-5-OV-V	"	205-265v. 5V 48A	150
LMF-A-20	"	105-132v. 20V 16A	125
LMF-20-V	"	205-265v. 20V 23A	150

OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 HZ INPUT VOLTAGES:

CON AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115v.	39V 1.75A	$30.
HT-20-5.6A-515	115v.	20V 5.6A	$50.
HS-20-15.5-896	220v.	20V 15.5A	$75.
NJE-HS-20-15.5-515	216-264v.	"	$75.

DRESSER-BARNES WITH REMOTE SENSING,
26859 210-250v. 20V 3A NEW $30
26858 210-250v. 20V 9A NEW $60
27091 208, 220, 240v. THREE PHASE, UNREGULATED, 10V 6A AND 50V 3A NEW $25

ELECTROSTATICS MODEL 50; INPUT: 103-127 V. 50-400 Hz. OUTPUT: 18-22 VDC @ 2 AMPS. LESS COVER. 6½x5x4 WT: 10 LBS. NEW $25

NORTH ELEC. P.S. 105-132v. 40-440HZ. OUTPUT 3.7VDC @ 14A. (MODULAR) 9½x5x7½; WT: 17 LBS. #N14003KA NEW $35.00

NORTH ELECT. P.S. 115/230v60HZ, OUTPUT 6VDC@ .5A.-6VDC.5A -12VDC@1.6A; -28VDC@ 4A. SIZE:21x5½x5½: WT:28 LBS.#PEC2754 $29.95

NORTH ELECT. 115/230v. 60HZ. OUTPUT 5VDC 42 A. 15VDC 5 A. -15VDC 5 A. -18VDC 12 AMP. 24 VDC 10A.250VDC 200 MA. SIZE:24x7x16; WT: 150 LBS. #PEC3496 $100.

WANLESS 1-OEM IC POWER SUPPLY; OUTPUT: 24 V. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5½x5x6; WT: 10 LBS. NEW, $27.95

VOLTAGE REGULATED POWER SUPPLIES

LAMBDA

MODEL #28 200-325 VDC @ 100 MA. & 6.3 VAC @ 3 A. RACK MTG. $20

MODEL # 28M WITH METERS $30

MODEL #29M WITH METERS 100-200 VDC @ 100 MA. 6.3 VAC @ 3A. R-MTG $35

MODEL #33M W/METERS 100-200 VDC @ 300 MA. 6.3 VAC 2/6.3@5A. R.M. $45

MODEL #50M W/METERS 0-500 VDC @ 500 MA. W/VAR. TRANS. 2/6.3VAC5A. F/BENCH USE $100

MODEL C-280 0-200 VDC @ 200 MA. 1/6.3 VAC 10 A. $55.00

MODEL C-280M W/METERS $65.00

MODEL C-281M W/METERS 125-325 VDC @ 200 MA. 6.3VAC@10A. RACK M $50.

MODEL C-480 0-200 VDC @ 0-400 MA. 6.3 VAC@15A. W/VAR. TRANS RM $65

MODEL C-480M W/METERS $75

MODEL C-481M W/METERS 125-325 VDC @400 MA. 6.3VAC@10 RACK MTG $50

MODEL 158M W/METERS 125-325 VDC @ 0-1500 MA. W/VAR. TRANS. 6.3VAC @ 30 A. RACK MTG. $125

OREGON MODEL D6 REG. POWER SUPPLY, 0-150 & 0-600 VDC @ 500 MA AND 2/6.3 VAC 10 AMPS. RACKMOUNT, $80.

PP-2766/URA-36 XMITTER POWER SUPPLY BY TMC. INPUT: 115/230 VAC 50-60 Hz OUTPUT: 2800 VDC 600 MA. WITH ONE 5600 VCT 600 MA TRANSFORMER AND ONE 5 VCT 15 AMP; TWO 4B32 TUBES. RACK-MOUNT; SH WT: 200 LBS. USED, $150.

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401		6.95
DM-28	6.95		D-402		6.95
DM-32	2.95	4.95	D-401(SPEC)		8.95
DM-32(12 V)		4.95	DY-9		9.95
DM-33 (WRITE AV)			DY-10		12.95
DM-34	2.95	4.95	DY-17		18.95
DM-35		20.00	DY-21		8.95
DM-36	2.95	6.95	DY-22		9.95
DM-37		13.00			
DM-40	5.95		DA-6A		8.95
DM-41	5.95		DA-1F		11.00
DM-42		15.00	DA-14		8.95
DM-43		15.00			
DM-53	4.95		BD-77		19.95
DM-53	5.95	(12V)	BD-83		8.95
DM-64	7.95				
			PE-86		5.95
			PE-98		8.95(COMP)
			PE-98		4.95(DYN)
			PE-94		9.95

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS.

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3½x5x3; WT. 6 LBS. USED $4.95

4|S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS.OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N $15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE:4½x4½x8½; 13 LBS. UNUSED $20

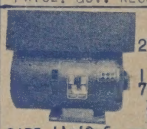
INVERTERS

EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE SIZE:16x11½x8; WT: 75 LBS. EXCELLENT COND. $49.50

PU-7 INVERTER
INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE 21.6 AMP. 1 PHASE SIZE 19½x8x10½; 100 LBS. PRICE: UNUSED $49.50

5AS13NJ3 INVERTER
INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VAC 400 CYCLE 1500 VA 1 PHASE SIZE: 14x9½x6; WT: 50 LBS. PRICE: UNUSED $45.00

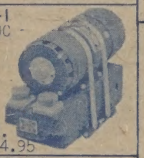
MG-149F INVERTER
INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8½x8; WT: 25 LBS. PRICE: GOV. RECOND. $39.50



INVERTER INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE SIZE 11x10x6; WT: 40 LBS. LELAND#10285 USED $34.95

JACK & HEINTZ INVERTER INPUT: 27.5 VDC 150 AMPS. OUTPUT: 115/200 VAC 1/3 PHASE, 2250/2500 VA 400 CYC SIZE:20x12x8; WT: 75 LBS. J&H F-45-3 OR EQUAL USED PRICE: USED, REPARABLE $75

PU-43/A-800-1 INPUT: 24 VDC @ 75 AMPS. OUTPUT: 115 V.800 CYC. 1 PHASE 10.5 AMPS. WT: 35 LB. SIZE:4½x8x12. USED $14.95



JACK & HEINTZ F-132 INVERTER INPUT 27.5 VDC @ 100 AMPS. OUTPUT 115 V. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS PRICE: USED $75.00

F-147 INVERTER INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 V. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 75 LBS. PRICE: USED $75.00

JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE:12x7½x4½; WT: 20 LBS. FED#61 25-617-0967 USED $14.95 RE-COND.$22.95

1000 VDC 350 MA

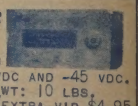
BD-77 DYNAMOTOR; INPUT: 14 VDC 39 AMPS. OUTPUT: 1000 VDC 350 MA. SIZE: 11x10x6½ SHPG. WT: 40 LBS. $19.95

PE-73 DYNAMOTOR; SAME AS BD-77, BUT WITH 28 VDC 19 AMP INPUT, RECOND. $40.00

DM-42 DM-42 DYNAMOTOR; INPUT: 12 VDC 39 AMPS. OUTPUT: 1030 AND 515 VDC @ 215 MA. 7x7x11; 42 LB. RECOND. $15.

VIBRATOR POWER SUPPLY, USED WITH AN/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 TO 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4½x3½x2½ 3 LBS #H17VD-11077 NEW $5.95

PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPU 90 VDC, 1⅜ VDC AND -45 VDC. SIZE;4x4x7; WT: 10 LBS. NEW $3.95 W/EXTRA VIB.$4.95



PP-855/PRC-14 VIBRATOR POWER SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE:7¾x2⅝x2⅝; WT: 3 LBS. NEW $4.95

DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY. OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/0Z4 TUBES. SIZE:9x6x5; WT: 10 LBS. STK#3H6694-5 NEW $7.95

HIGH VOLTAGE

ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 Hz. USES TWO 1B3 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000, $5.95
SPECIAL!! 2 FOR $10.00

RA-120 AC POWER SUPPLY FOR BC-620 AND BC-659 RECEIVER-TRANSMITTERS. VOLTAGE REQUIRED 115 OR 230 VOLT 50-60 HZ. FASTENS TO BOTTOM OF REC.-TRANS. SAME AS PE-97,117 & 120 POWER SUPPLIES. SUPPLIES ALL VOLTAGES NEEDED FOR SETS. SIZE:5x14x15; 30 LBS. REPARABLE $25.00

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG SIZE:6½x5½x8½; WT: 10 LBS. NEW $4.95

GENERATOR

GENERATOR G - 24 AC - DC
115 V. 800 CYC 10.5 AMPS. 24 V. D.C. 60 " SPLINE SHAFT SIZE 7/8x1¾ SIZE:6½x7½x13; WT: 45 LBS. RE-COND. $24.95

BELL SYSTEM POWER SUPPLY 105- 130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC 1.0 " 9VAC 2,8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD. SIZE: 8½x4¾x8¾; WT: 22LB #J86731A USED $6.75

EICOR INVERTER INPUT: 27.5 VDC 9.2 AMP. OUTPUT: 115V 400 CYCLE 3 PHASE 100 VOLT-AMPERES. SIZE:7½x4½x5; WT: 7 LBS. USED $14.95 CONNECTOR $2

ARDWARE KIT: CONTINS 50 CLAMPS OF DIFFERENT SIZES 0 SCREWS, 5 TYPES, 5 WASHERS, 7 LUGS, HEX. NUTS, 18 SPACRS. #RC298 5LB. $1.00

RUBBER SHOCK MOUNTS

4 LB.	#4	$.30
6 "	#6	.35
10 "	#10	.40
12 "	#12	.50
16 "	#16	.60
24 "	#24	.75
35 "	#5215	.75

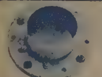
OTHER TYPE MOUNTS AVAILABLE IN LIGHTIER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG.	$.25
" " RING "	.15
" BLACK " "	.15
LOCTAL MICA 2 HOLE MTG	.35
4 PIN CERAMIC 2 " "	.35

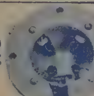
JUMBO 4-PIN, FOR 8008 AND SIMILAR; JOHNSON 244, $1.00 EA.

6 " " 2 HOLE "	.29
7 " " " " "	.29
4/5/7/9 PIN WAFER " " EA.	.10
7/9 PIN MICA SMALL " " "	.20
9 PIN CERAMIC " " " "	.35
METAL SHIELDS SMALL 7-9 "	.10
750TL/1500T, JOHNSON 214,	2.00
829 CERAMIC SOCKET	.75
872 " " W/SHOULDER	.75
811/866 " " W/ "	.75



GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3½" RD. GE#ML7461594-G1 PRICE: USED $.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715,718 ETC. 3½" RD STK#2Z7684.98 PRICE: NEW $1.00



TERMINAL STRIPS WITH CLIPPED WIRE BARRIER TERM. STRIPS AVAILABLE, 3/4, 1 & 1½" WIDTHS, 2 TO 16 TERMINALS. TWO TERMINAL 20¢, EA. EACH ADDITIONAL TERMINAL 3¢. WE WILL SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS.

APPROX. 2"W x 1½D.
6 TERM. 4½LG $1.50 12 TERM. WITH
8 " 6 " 2.00 SCREW DOWN
12 " 8½ " 3.00 HOLDER TYPE $4

TM-175 BINDING POST ¾x5/8" DIA. HEAD; ½" LG #8 THREAD. BRASS. 4/$1.00

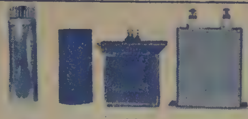
TWO 4X150 TUBE SOCKETS MOUNTED ON CHASSIS AS WAS USED IN T-195 TRANSMITTI MODULATOR. SIZE 4½x3x2½; 1 LB. T-195/4x150 $10

ENERGY STORAGE

ENERGY STORAGE CAP. 7.5 MFD., 20K VDC .06 UH IND. OSCILLATORY DUTY, 75K PEAK AMPS. CASTOR OIL FILLED. SIZE: 15½x13½x5; 65 LBS GE#14F666G5 $50

OCTAL TUBE SOCKET TEST ADAPTER WITH VOLTAGE TEST POINTS FOR SOCKET PINS. 1½x1¼" DIA. VECTOR T-8-0. #U-102/U, 50¢ EA.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3	$1.00
2000	15	1½x4½	.59
1100	25	1½x4	.75
50	150	2½x4x1¼	1.50
14	220	3½x2x1	.75
4	400	2½x4x1	.50
2	600	2½x2½x1	.50
3	600	1¾x3¾x1	.50
4	600	3½x2½x1¼	.65
6	600	4½x2½x1¼	.75
7	600	4x4x2	.85
8	600	3¾x5x1¼	1.00
10	600	3¾x4¾x1¼	1.25
1.3	950AC	5x4x1¼	3/$1.
1	1000	1¾x2½x1	.50
2	1000	1¾x4x1	.75
4	1000	2½x4½x1¼	1.00
8	1000	3½x4½x1½	1.50
10	1000	3¾x4½x1½	1.75
2x8.5	1000	4¾x5½x2	3.00
2	1500	2½x4x1¼	1.00
1	2500	3¼x4½x1¼	1.00
3x1	1200	3¼x3¾x2½	.75
1	1200	2 x3 x1	.50
1	2000	2x3x1	1.00
10	1500	4x4½x3½	3.25
2	2500	2¾x4¾x1¾	3.00
1	3000	3¾x4½x2¼	1.00
2x.1	4500	3¾x3½x1¾	1.00
1	5000	8½x4¾x3¾	4.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
28000	15	2½x4½	2.00
20000	25	3 x4½	2.00
16500	30	3 x4	2.00
24000	30	2½x4	2.25
25000	30	3 x4½	2.50
18000	35	3 x4	2.50
16000	40	3 x4	2.75
30000	40	3 x4½	3.00
48000	40	3 x5	4.00
51000	40	3 x4½	4.50
12500	50	3 x4	2.25
23200	50	3 x4	3.75
22000	75	3 x6	4.00

AC CAPACITORS

MFD	VAC	SIZE	PRICE
1.3	950	5x4x1¼	3/$1.
.5	660	2¼x2x1¼	$1.00
8	660	6x2¾x2	2.00
10	660	5x3x2	2.50
5	220	3½x1x4	1.00
47-58	220	2x4½ RD	2.00
3.9	330	1x2x4	1.00
4	330	2½x6	1.00
7	330	3¾x3½x1¼	1.25
3	660	3¾x4½x1¼	.75
4	370	1½x2½x2¼	.75
10	370	6x1¾ RD	1.25

HIGH VOLTAGE

MFD	VOLTS	SIZE	PRICE
1	10000	13x12x4	12.00
0.5	12500	13x12x4	13.00
1	15000	13x12x4	15.00
1	18700	15x14x5	20.00
2	20000	15x12x10	50.00

OTHER VALUES IN STOCK, WRITE

PHOTO-FLASH CAPACITOR 25.6 MFD 1000/2000 VDC INTERMITTENT. RE-MOVED FROM EQUIPMEN GE25F454 3 LBS. $7.50

SYNCHRO CAPACITOR 3x10 90 V 60 HZ. 4½x4¾x4½ $7.50

CAPACITANCE DIVIDER 30 MMF, 15KV. INS. RATIO 60:1 W/54" RG-11 & PL-259 CONN. GE#C373179, 6x6x7½. 6LBS $7

ROTARY SWITCHES

CERAMIC ROTARY SWITCH; TWO DECK, 2-POLE 5-POSITION EA. 2" DIA. #REM/PP-115, $1.00

ROTARY SWITCH, 2-DECK. ONE 4PDT MOMENTARY BOTH SIDES; OTHER 2PDT MOM. B.S. AND 1PST MOM. 1-3/8" DIA.; CERAMIC. #3Z9825-20, $1.00

ROTARY SWITCH, CERAMIC, 2"D 3 POLE, 3 POSITION, 1 DECK 3Z9825-34.1 NEW $1.00

HEAVY DUTY ROTARY SWITCH, 10 AMP. 1-POLE 5-POS. WITH SCREW TERMINALS. 2x1¾ DIA. #5930-594-1015 PRICE: UNUSED, 89¢

ROTARY BAKELITE DPDT 2 SECTION, NON SHORTING, LOCK ACT 3Z9826-34.2 75¢

ROTARY SWITCH 10 POLE, 4 POS. 5 DECK. 3½x1¾. RM-39/31.9 RE-MOVEED $1.00

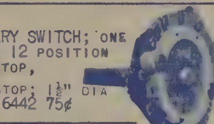
GE CERAMIC POWER SWITCHES

2-DECK 3-POSITION 2x3 INCH GE#ML746812-G1/403, $2.50

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 $1.95
GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4½" #ML7762999-G1/397 $1.95

ROTARY SWITCH; ONE POLE 12 POSITION NO STOP,

NO STOP; 1½" DIA #AB-6442 75¢



ONE DECK/ONE POLE 12 POSITION WITH STOP. 1¼" DIA.; CERAMIC. #3Z9825-62.178, $1.25

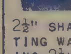
TWO ON/OFF SWITCHES ON ROTARY WAFER, 2 DECK, POLE 2,5 POS. #333-9774 $1.00

ROTARY SWITCH, BAKELITE WAFER, 1-POLE 11-POSITION, 1½x1½ 3Z9825-92.3 50¢

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1¼".x 1". 3Z9827.34 59¢ 2 FOR $1.00

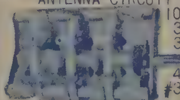
ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2½x1 LANS. SW-942-249 75¢ EACH 2 FOR $1.25

ROTARY ACTUATOR



WILL OPERATE FROM 12-28 VDC, 12 POSITION, 30 DEGREES EA. 2½" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2½x3, 1¾" H. WT: 1 LB. #MX167869G1 $1.50

ANTENNA CIRCUIT SWITCH

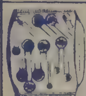


100 WATT 3/MAKE 3/BREAK SIZE: 4½x2¾ IN. #3Z9626 $2.50

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 x2 SW-145 39¢ EA 3/$1.00

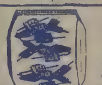
CERAMIC ROTARY SWITCH, TWO DECK; 1-POLE 4-POS./DECK. 1¾" DIA. ACE#2-1P4P, $1.50

Parts Kits



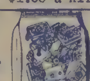
DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value $1.25 a KIT

WIRE ASST. SIX 25 FT. COILS; INSULATED. TINNED-COPPER, $1.50



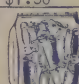
MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. $1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE $1.00 KIT.



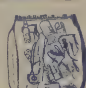
RESISTORS INSULATED ON BOARDS 50 ASST. ½, ¼, 1 & 2 Watt wide range of good values 50 ASST. $1.50

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST $1.00



VOLUME CONTROLS 10 ASST. Popular Values $1.00

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc $1.00

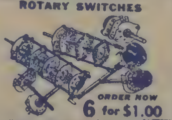


PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. $1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for $1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, APPROX. 200 PCS. $1.50

ROTARY SWITCHES



ORDER NOW 6 for $1.00

BATHTUB CONDENSER KIT .1 MFD. to 1. MFD. up to 600 Volt. 10 FOR $1.00

HARDWARE KIT

NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1½LBS. $1.50

COMPUTER GRADE

COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED

MFD	VDC	SIZE	PRICE
900	165	2x4 RD.	$1.00
100	250	1½x2½	1.25
1400	99	2x4	1.00
3500	52.5	2x4	1.25
12000	11	2x4	1.25
ABOVE, IN LOTS OF 6, 20% OFF.			
1700	200	3x5½	4.00
3500	100	3x5½	4.00
9400	40	1¾x4¾	2.25
13000	15	1½x4¾	1.50
4500	55	2x4	2.50
13500	60	2x4	4.00
40000	20	2½x4¾	2.75
73000	15	3x4¾	3.00

ELECTROLYTIC & PAPER

1000 UF 30 V; ELECTROLYTIC, 7/8x2¾, KS19658, 89¢

100 UF 350 V/40 UF 300 V; ELECTROLYTIC, 1½x3½, $1.00

80/40/20 UF 150 V; 1x3 PAPER TUBULAR, 59¢

40/40 UF 150 V.; 1x2-1/8, PAPER W/BRACKET, 59¢

150 UF 200 V.; 1½x3¾, 59¢
140 UF 300 V; 1x4 PAPER 59¢
40 UF 450 V; 1x2¼ PAPER 89¢

47 UF 20 V; ¾x¼, TANTA, 65¢

.022 UF 200 V; ¼x¾, 10% 20¢
450 UF 25 V; ¾x1¾ AXIAL 75¢
10 UF 25 V; ¼x¾, TEMPLE 30¢
1.5 PF CERAM. FEED, ¼" 6/$1

RESISTORS

3/5 W, 20¢ EA; 10/25 W, 30¢

EMITTER RESISTORS

0.5 OHMS	10 WATT,	WW
3.0 "	10 " ,	"
2.0 "	10 " ,	"
70 "	10 " ,	"
2.43 "	3 " ,	"
24 "	5 " ,	"
70 "	5 " ,	"
100 "	5 " ,	"

BLEEDER RESISTORS

550 OHMS	20 WATT,	WW
750 "	25 " ,	5%
700 "	10 " ,	5%
3900 "	25 " ,	FERRULE
1000 "	25 " ,	WW
15K "	10 " ,	"
15K "	3 " ,	"
100K "	3 " ,	CERAMIC

PRECISION RESISTORS
5K OHMS ½ WATT, 0.1%, 60¢
100K OHMS 0.3 WATT, 0.1%, WIREWOUND, 40¢ EA.
28K OHMS ¼ WATT, 0.05%, WIREWOUND, 40¢ EA.
55 MEGOHMS, 10 WATT, 1%, DALE WIREWOUND, $1.00 EA.

DALE PRECISION POWER RES.
100 WATT (3½x3x1¾) IN VALUES: 45Ω (3%), 120Ω (1%), 450Ω (1%), 1400Ω (1%), $2.50
250 WATT (4½x3x2¼) IN VALUES 160Ω (3%), 600Ω (1%), $3.00

250 WATT 1 OHM (5%), $4.00

RESISTORS, PRECISION 25 ASST. ON BOARDS.

WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. $1.00

50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. $1.50

MINIMUM ORDER $5.00

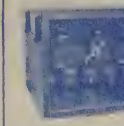
Power Transformer Filament Modulation Microphone Chokes

HIGH VOLTAGE TRANSFORMERS

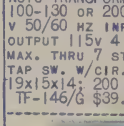
PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
117v	60HZ	375v 40MA 2/6.3 .6A	2¾x4x2½;	4LB	#24003	$3.95
115/230	60	175/85 MA	2¾x3¾x2⅝	5	295-2561	3.95
115	60	350 CT/26 MA 5/3.0 A	2¾x3¾x3	4	647-6762	3.95
115v	60HZ	60VCT 1 AMP.	2¼x3x2¾	2LB.	#3464936-1	$2.95
115v	60 HZ.	5v 2A, 6.3v 3A 4x3¾x3¼; 8LB NYT50825 3 WINDINGS 125VCT 100MA 1 WINDING 225VCT 150MA				4.95
115	60	110v100MA,50VCT .5A,25VCT,.15A. 14VCT 2.5A.	4¼x3¾x3½	10	KAL#2334	6.95
115/225 V 25-60 Hz.		780 VCT 70 MA; 5 V 2 AMPS; 6.3 VCT 4 AMPS.	4¼x5½x5¼,	14	#3770,	$5.95
115	60	820VCT,120MA. 5.0v 2A.	4¾x4¾x4	10	0#7629831	6.95
120	60	750VCT,12MA,6.3 v2A,2/5v2A,2.5v2A.	3x3½x4	7	2Z9613	28 4.95
115v/60HZ		405VTAPS/5v2A/400v10MA/ 350v70MA. 6.3/4A/6.3v.6A	4x5½x4;	12LB	#3C1538	$4.95
115-132	60	325 TAPPED 300 275,250 70 MA	2¼x3¾x2¼	3	821-4954	3.95
120	60	6.4/1A 3/6.4 .3A	2¼x3x2	1	645-0612	2.25
115	60	27v4.3A/2.6v3A. 4.1v5.1v6.4v3A.	5x5x5	15	D161915	9.95
115/60HZ		360VTAPS/7/332/346v.125MA 6.6VCT 4.2A	4x5x3¾;	12LBS.	#7489394	$3.95
105-125	60	6.3/8A/3A/15A 400CTW100MA 360CTW10MA	4½x6x4	15	827-2133	9.95
115/60HZ		700VCT .050A 5v3A	4½x3½x3;	9 LBS	#TF1A03Y	$3.95
115 V 60 HZ		650 VCT 20 MA; 6.3 VCT 2.5 A.	3¾x2¾x4½,	10	#8734,	$2.95
115 V 60 Hz		2300 V 5 MA; 2.5 V 2 AMPS.	3¼x3¼x4½,	10	#8761,	$4.95
115 V 50 TO 2400 Hz.		990 VCT 71 MA; 6.5 VCT 5.4 A 5 V 2 AMPS.	3¼x3¾x4¼,	12	#3259,	$7.95
115	60	302 @ 100MA 287 @ 50MA	3¼x3x2¼	5	899-4680	$3.95
115/230 50/60 CY		660CT@60MA 6.3 @ 5 A (FOR TG-34 KEYER)	RD3¾x4¼	8	2Z9608-110	5.95
115	60	150v@ 500 MA. 6.3v@3A,6.3v@1A.	3¾x4¾x4¼	11	T127J387	5.95
115	60	510VCT @ 100 MA.	3x4¼x3½	7	2Z9612	21 3.95

LOW VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115v	60HZ	6v/1A 45VCT/.5A	3x2¼x2½	2LB	#1461312	$2.95
115 V 60 Hz		2.5 V 10 AMPS;	4¾x3¼x5,	12,	#5541,	$2.95
230 v 115	60	5/22 A 8500WV	5¼x9½x4½	4	645-6946	12.95
120v 60 HZ.		12.8VCT 6A.	5¼x4x3½;	14LBS	583-1045	$6.95
120 50/60		6.3v @ 27 A.	5¾x4¾x5	20	N284096-1	9.95
117v 60HZ.		10VCT 8A. 2000T	3¾x3½x4	8LBS	257-1629	$5.95
115	60	6.5CT@24A,6.5CT @1A,TWO 6.5CT6A.	6x5x4½	20	647-6219	8.95
112 TO 122	58/62	6.4V@24A,6.4@6A 6.4V@2.5,6.4@2A 2/6.4V@3A.ALL C.T.	5¾x5x3¾	20	TF1RC01B	8.95
115v 60 HZ		6.3VCT 1A.	2½x1¾x1¾	8oz.	#118667	$2.95
115	60	TWO 30 CT/15MA 6.3/4.0 A	2½x2½x3	5	648-4774	4.95
115v60HZ.		6v 5A 1.5v 200MA	3¾x3¾x3;	8LB	#M-1018A	$2.95
115 50-400		34/2.7 A 3.0/250 MA	4¾x4¾x4	14	853-6026	$4.50
115	50/60	5 @ 1.5 A 5 @ 1.0 A	RD.4x2½	6	869-2849	$4.95
95-125	50/60	5.1 VCT @ 23 A. 8.5 TAP 3.5v .1A	4¼x4¾x3½	10	2Z9611-474	$5.95
117	60	31v@3.27A,15.5v .51A,23VCT@.21A. 24v @ .85 A	3¼x4¼x4¼	10	5950-9195	$3.95
215 V 60 Hz		2.5 VCT 10 A.;	4¼x3¾x3¾,	12,	#2253	$2.95



AUTO-TRANSFORMER 100-130 OR 200-260 V 50/60 HZ INPUT, OUTPUT 115v 4 KVA MAX. THRU 7 STEP TAP SW. W/CIR.BREAK 19x15x14; 200 LBS. TF-146/G $39.50



AUTO-TRANSFORMER 110/220/440 50/60HZ 250 WATTS WITH DUAL CIR. BRK.DPDT 110v RELAY 10A CONTACTS. 10x6¼x5; 16 LBS. #002461701 $8.95

* * * * * * * * * *

PP-2766/URA-36 (TMC PS-5) POWER SUPPLY, 115/230 V 50-60 Hz INPUT. CONTAINS 5600 VCT 600 MA AND 5 VCT 15 A TRANSFORMERS; 10 Hy 600 MA CHOKE; THREE 4 MFD 4000 VDC CAPACITORS, AND TWO 4B32 TUBES. RACK-MOUNT; SH WT: 200 LBS. USED, $150.

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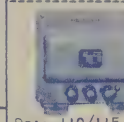
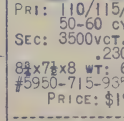
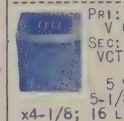


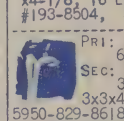
PRI: 110/115/120v. 50-60 CYCLES SEC: 3500VCT. .230 A. 8¾x7½x8 WT: 65LBS #5950-715-9350 PRICE: $19.95



PRI: 115 V 60 HZ SEC: 730 VCT 230 MA: 5 V 3 A. 5-1/8x5¾ x4-1/6; 16 LBS. #193-8504, $7.95



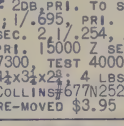
PRI: 115v 60 CYC SEC: 2 v. 30 AMP 3x3x4; 4LB 5950-829-8618 $2.95



FOR RA-62 RECTIF. USED TO POWER SCR-522 REC-TRANS PRI:110/220 VOLT 40-60 CYCLE SEC: DC VOLTAGES 300 @ 230 MA BIAS150 @ 8 " 13.4 @ 3.9 A. 5x5¾x8; 30 LBS. #3340-296-862-192 PRICE: $7.95

ART-13 MODULATION

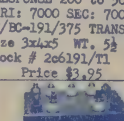
ART-13 MODULATION TRANSFORMER 50 WATT 300-4000 RESPONSE ± 2DB.PRI. TO SEC. 1; 1/.695, PRI. TO SEC. 2; 1/.254, Z PRI. 15000 Z SEC.1 7300, TEST 4000 V. 4¼x3¾x2¾; 4 LBS. COLLINS#677N252 REMOVED $3.95



TEKTRONIX # 310 OSCILLOSCOPES P/N120-0058-00 PRI: 117 V. 50 TO 800CYC SEC: 205v 120 MA. 135v 150 " 205v 75 " 6.3v 3 AMP 6.3v 4 " 6.3v 6.2 " 6.3v 0.6 " 6.3v 0.6 " 4¾x3¾x3¾; 8 LBS. 5950-688-6598 $9.95

MODULATION TRANSFORMER WATTS: 40 RES. IMPED. PRI: 113 OHM 5700 SEC: 72 " 2280 FOR 2/807 TUBES 3¾x2¾x3 WT: 3LBS #2ZK9634.21 PRICE: $3.95

MODULATION TRANSFORMER 100 Watt RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. size 3x4x5 WT. 5½ lbs. Stock # 2c6191/T1 Price $3.95



100 WATT MODULATION TRANSFORMER PRI: 7500 OHM CT 30,000 " SEC:3000 OHM 35W 200 MADC 600 CT. 1 W RMS TEST 1,2,3 500 V. OTHERS 2500 V. 200-3500 CPS. 4¾x4¾x4¾; 11LBS #5950-646-3092 PRICE: $4.95

FAIR 813 TRANSFORMER

PRI: 115 VOLT 60 HZ. SEC: 500 VCT. 80 MA. 24 v. 2 A. 5 v. 3 A. 2¼x3¾x2¾; WT: 3½ LB. MADE FOR REC. BC-603-683, COMMAND,ARR15 ARB & OTHERS PRICE: $10.75

TRANSFORMERS LISTED BELOW HAVE 115 VOLT 60 HZ PRIMARIES UNLESS OTHERWISE STATED

PRI: 115 VAC 60 Hz SEC: 500 VCT 125 MA; 6.3 V 1.5 AMPS SIZE: 2¾x3x3¼; 3½ LBS. URC#8316132, $3.95

SEC:40v 2.5A/6.3v 1.5A 3¾x3¼x5¼; 10 LBS. #43278 $4.95

SEC: 125 v. 500 MA. 6.4 V. 3 A. SIZE:3¼x3¼x3¾; 5 LBS. URC#46070-16 $4.95

SEC: 200 v. 500 MA. SIZE: 3¾x5¼x3½; 10 LB. URC#K508055491 $3.95

SEC: 450 VCT 250 MA. 40 VCT 1 A. 2/6v 1A. SIZE:3¾x3¾x4½; 9 LBS. URC#702-704-00 $6.95

SEC:50v@100MA/3v@100 MA/40v@1.5A/40v@200MA SIZE:2¼x2¾x2½; 2¾ LB. URC#372993-1 $3.95

22 VCT 75 A

PRI: 115 VAC 60 Hz SEC: 22 VCT 75 AMPS 5¾x6¾x6¼; SH WT: 46 LBS. #NCR8318001, $35.00

32VCT 13.4 A

SEC: 32 VCT 13.4 A. SIZE 4¾x3¾x4; WT: 12LB BE#C0432001 $12.95

24/30/56 VCT

PRI: 115/230 v. 60 HZ SEC: 24 VCT @ 3 A. 30 VCT @ 3 A. 56VCT 3A. SIZE:4x3¾x3¾; 12 LBS. HAMMOND#U45797-2$9.95

PRI: 115 V 47-420 HZ SEC: 3/120 VCT 120 MA; 115 V 50 MA; 16 V 15 AMPS SIZE: 4¼x5¾x3¾; 10 LBS #9525, UNUSED, $9.95

PRI: 105/115/125 V 60 Hz SEC: 460 VCT 255 MA; 5 VCT 3 A; 12.6 VCT 3 A SIZE: 6¼x4¼x4½; 16 LBS #HE-13IP, USED, $5.95

PRI: 115 VAC 60 Hz. SEC: 500 VCT 400 MA TAPPED ONE SIDE AT 50, 75, 120, 175 V.; 12.6 VCT 3 AMPS. SIZE: 4¼x3¾x4½; 15 LBS #84103ADI, NEW, $9.95

PRI: 115 VOLT 60 HZ. SEC: 130 V @ 200 MA SIZE:3¾x2¾x2¼; 2 LB. URC#8316423 $2.50

PRI: 115 VOLT 60 HZ. SEC: 60 VCT 12 AMP. 50 VCT 3 AMP. SIZE:5x5¼x4¼; WT: 18LB NCR#0078318903 $12.95

PRI: 130 V. 60 HZ. FOUR PRI. TAPS. SEC: 80VCT @ 5A. CONT. INTERMITENT 9 A. WITH 2 REGULATING CAP. SIZE:7x4¼x5¾; WT:34LB. REG#6123472 $9.95

SEC: 175 VCT 100 MA. 75VCT 200 MA. 80 VCT 100 MA. & 5 V. 200 MA. SIZE:3x2¾x2½; 2 LBS. URC#720660-1 $2.95

SEC: 60 VCT 1 A. 6.3 V. 100 MA. SIZE:3¾x1½x2; 1½ LBS. URC#56000 $2.95

SEC: 24 VCT 1 A. SIZE:3¾x1¼x2; 1¼ LB. URC#46070-11 $2.95

SEC: 30 VCT 200 MA. 45 VCT 100 MA/2.5v30MA SIZE:2¾x1¼x2; 1 LB. URC#374501-1 $2.95

SEC:40VCT:2A/40v2,15A 24.5v/1A/14.2v.4A/117 v .05A 3¾x4¼x3; 10 LB #9807 $6.95

SEC:520VCT 30MA/6.3v 2A. 3¾x2¾x2½; 3LBS. 5950-646-5586 $2.95

6.6 V. 25 A.

PRI: 115,120,126,132 VOLTS 54/66 HZ. SEC: 6.6 V. 25 AMPS. SIZE:4¾x5¾x3¾; 23 LBS. GE#9T5Y244 $8.95

22 VCT 3 A. 80 VCT 1.5 A.

PRI: 100,115 v. 60 HZ. SEC: 22 VCT @ 3 AMP. 80 VCT @ 1½ " SIZE:3¾x3x4; WT: 8 LBS #3S92890015 $4.95

PRI: 115 V 50-60 HZ SEC: 6.3 VCT 10 A. 2¾x3-7/8x2¾; 10 LBS. #511-9405, $4.95

PRI: 115 VOLT 60 HZ. SEC: 24 " 4 AMP. SIZE:3¾x3¾x3; WT: 4 LB CARSON#4892 $4.95

PRI: 115 VOLT 60 HZ. SEC: 24 V. @ 2 AMP. 6.3v @ 100 MA/24v@100MA SIZE: 3¾x3x3; WT: 4 LB URC#LT-646 $4.95

PRI: 115 V 50-60 HZ SEC: 7 V 15 AMPS 4x5¾x3¾; 14 LBS SH. #L217340-1, $5.95

PRI: 115 VOLT 60 HZ. SEC: 35 VCT @ 1 AMP. 6 V. @ 300 MA. SIZE:2¼x2¾x3; WT: 3 LB. URC#134115-2 $2.50

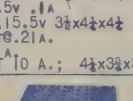
PRI: 115 VOLT 60 HZ. SEC: 45 V. @ 500 MA. 6 V. @ 500 MA. SIZE:3¾x2¾x2¾; WT: 2LB URC#203A6725-10 $2.50

PRI: 115 VOLT 60 HZ. SEC: 115 " TAPPED @ 65 " 1 AMP. SIZE:3¾x3¾x3; WT: 3 LB URC#105P10 $3.95

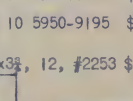
SEC:500VCT 35MA/24v.9A 6.3v.9A/6.3v .3A/4LBS. 3x3x3¾;#RM13-317 $2.95

800VCT 500MA

6.3v 4A & 2/5v 2A. PRI: 105/125v 60HZ 6¾x6¾x7; 20 LBS. N171T3722-3989 $8.95



PRI: 115 V 60CYC SEC: 850CT 280MA 280CT 10MA 5 V 5 A. 6.3 V 600MA 36 V 5 A. 5¾x5¾x7½; 28 LBS. #5950-646-3943 $6.95



PRI:105/115/130/145/160/180/200/225/250/V 25-60CYC SEC: 780VCT@65MA. 2.5 v @ 2 AMP 6.3 v @ 4 " 5¼x5¼x4½; 13 LBS. 2Z9619-4 $2.95

TRANSFORMERS

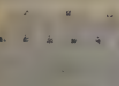
PRI: 110/220 VAC 50-60 Hz
SEC: 12 V 9 AMPS; 44 V 2.5 A; 12.9 V 3.2 A; 12.9 V 2.0 A.
5¼x4¼x4⅝; 22 LBS.
#P601719, $12.95

PRI: 115 V 60 Hz
SEC: 15 V 3 AMPS; 13 V 2 A; 6.3 V 7 A.
WITH CAPACITOR, 4½x3⅜x3⅜; 13 LBS.
#PV-175-9, $5.95

PRI: 115 V 60 Hz
SEC: 12.5 V 2 AMP 150 V 2 AMPS
4½x3½x4⅜; 13 LBS
#773605, $6.95

STEP-DOWN/STEP-UP
PRI: 208/240/416/440 V 50-60 Hz
SEC: 74/96/120 V 6x6x7½; 42 LBS.
#M93-104, $25.00

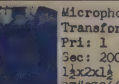
PRI: 115 V 60 Hz
SEC: 2/2.5 V 8 A. 1000 V-RMS TEST
3½x5x3; 10 LBS SH
#2-258/1-199, $3.



TF45X02YY
THREE PHASE
PRI 171V 50-450CYC
SEC 28V @ 40A
6¼x7¼x9¾ WT.45LBS
PRICE: $14.95

MICROPHONE TRANS
PRI: 40 OHMS
SEC. 75000 "
SIZE: 1½x1½x2
WT: 2 OZ.
2Z9986-2/RM-12
PRICE: 75¢

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500 OHMS
CARBON MIC.
2½x3½x2¾
#P7762352G1
$1.00



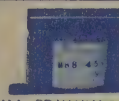
Microphone Transformer
Pri: 1 ohm
Sec: 2000
1½x2x1½
STK#Z9666A
Price $.59

I-177
TUBE CHECKER TRANSFORMER
SIZE: 4½x4½x4.5 LB
STK.# 2Z963.667
PRICE: $4.95

PRI: 115 V 60 Hz
SEC: 40 V 15 AMPS
5½x5½x4½; 18 LBS.
#25D844550C1, UNUSED, $9.95

PRI: 115/230 VAC 50-60 Hz
SEC: 5 VCT 10 AMP
3½x5½x3; 8 LBS.
#7346, NEW, $4.95

PRI: 115/230v 60 HZ
SEC: 700VCT@120 MA. 5v/3A. 6.3v/4 A. 300 VCT@30MA.
SIZE: 4½x5½x4½; 10LB
RD60T3 $4.95



ALL PRIMARIES 115 VOLT 60 CYCLE

SEC: 6v. @ 500 MA. 1⅞x1½x1½; 3 OZ.
URC#137B648 $1.25

SEC: 6.3 v @ 1 AMP 1⅞x1½x1½; 3 OZ.
URC#115821 $1.50

SEC: 2/14 v. 600 MA 2⅜x1½x2; 1 LB.
VARNEY 214/6 $1.95

SEC: 2/30 v. 250 MA 2x1⅞x1½; 4 OZ.
URC#60605 $1.50

SEC: 13 V. 1.5 A 3½x1½x2; 2 LBS.
#EDI-0-2, $2.25

SEC: 24 V 1 AMP AC 3½x1-5/8x2; 3 LBS.
#PC-977, $2.95

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS IMPEDANCE
PO/BC-348
STK# 2C4348M/T
2x2½x4 WT. 2½ LBS.
PRICE: $1.00

OUTPUT TRANSFORMER
NP/NS-1.77/6.6,50 TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: $.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115 120/125 VOLTS 60 CYCLE.

SEC: 6.6 v. 18 AMP 3⅜x5⅜x4; 12 LBS.
GE#9T35Y159 $4.95

SEC: 6.6 v. 10 AMP 6.6 v. 1 AMP
5x4x3½ WT: 10 LBS.
GE#9T35Y181 $3.95

ALL PRIMARIES 115 v 60 HZ.

SEC: 6.3 VCT 3 A. AND 5 V. 6 AMP. 3½x4½x4½ 4 LBS.
#2Z9611.106 $4.95

SEC: 2/6.3 V 2 A. 2⅜x3½x2½ 2 LBS SH. #0555, $3.95

SEC: 3/6.3 V 2 A; 5 V 3 A. 3x4½x3; SH WT: 7 LBS.
#GE80G114, $3.95

SEC: 6.3 V 7.5 A; 6.3 V 5 A; 6.3 V 0.5 A. 3½x4½x4½; 8 LBS. #L217328, $4.95

SEC: 2.5 VCT 10 AMPS, 10 KV RMS TEST. 3x3½x2½; 8 LBS. SH. #P3060, $3.95

PRI: 66 V 50 TO 63 Hz.
SEC: 15 V 25 AMPS
SIZE: 5x4½x6½; WT: 15 LBS.
#5950-660-7183, $12.95

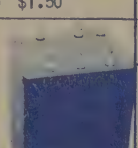
PRI: 230 VAC 60 HZ
SEC: 6.3 V 30 A OR 5.37 V 30 AMPS. 4½x5½x3½; 13 LBS. #6510, $4.95

PRI: 105-125v 50/60 HZ
SEC: 2-6.3VCT 35 AMPS.EA.
7x6½x5½; 33 LBS.
SMITH#3002730 USED $20.00

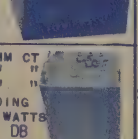
PRI: 120v 50/60 HZ.
SEC: 5VCT 4A/5VCT 2A/6.3V1A
3x4½x3⅜; 6 LBS.
BENDIX#L217336-1 $3.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1⅞x1½x1½; WT: 8 OZ.
$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000CP
SIZE: 2½x2½x2; WT: 1 LB.
T-203/PP-115 $1.50



PRI: 115 V 50-60 Hz.
SEC: 2000 VCT 500 MA (700 MA INT)
7x5⅜x5; SH.
WT: 32 LBS.
#SS-HW-201-P
USED, $27.50



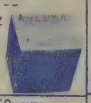
PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB 20-20,000 CPS
SIZE: 4⅜x6x4; 20 LB
TF1A13MA $4.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
PRI: 115v 60 CY
SEC: -8000 v. @.25-1 MA.
-120v @ 15 MA
- 24v @ 1.2 A
-16.v @ .45 A
SIZE: 4x4x9½; WT: 15 LBS.
#GE9T63Y2280G03 $14.95

IGNITION TRANSFORMER
GE# 9T62V4054
PRI: 12Cv 60HZ
SEC: 5000 v. 20 MA. CASE GND
SIZE: 5x4½x3½; WT: 13 LBS.
#5950-529-6870 $9.95

PRI: 115 VAC 60 Hz
SEC: 900 VCT 250 MA,
4½x4½x3⅜; 15 LBS.
#SS-S-P243, $9.95

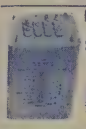


PRI: 115/230 v. 60 HZ.
SEC: 520 VCT @ 90 MA. 6.3v/1½ A. 6.3VCT 4A.
SIZE: 4½x5½x3½; WT: 7 LBS.
#TB1RX03LB/FGC-29 $5.95

CHOKE FOR ABOVE 10/25 HY. 125/15 MA. 4½x3½x4½; 4 LBS
#TF1RX04LB/FGC-29 $3.95

ISOLATION 6.3 TO 6.3

PRI: 6.3v 60HZ./SEC: DUAL 6.3v 1A. 3x3x2½; 1LB.
FGC-512664A $2.95



PRI: 105-110-115 120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3½x5x3" 8 LBS.
TF1A02JA
$1.95

NOISE FILTERS

RADIO INTERFERENCE 250 VOLTS AC/DC 3 AMPS. F-311/U
3½x4x1¾; 12 OZ.
SNSN N17S050968-5555 $3.95

FILTRON FA-380 3x10 AMPS. 28 VDC 3x3x1¾ $2.50

CORNELL-DUBILIER NF10501 4 AMP 50VDC 2⅜x2x2½ $2.00

TOBE FILTERETTE 1426, 7.5 AMPS 500 VDC 2⅜x1⅜x1¾ $2

TOBE 1163FL-23 10 AMP 30 V DC 2x2x1, W/BRACKET $2

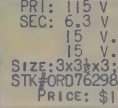
SPRAGUE JX-51K 10 AMPS, 100 VDC. SIZE 2x2x1¾; $2

CONSTANT VOLTAGE TRANSFORMERS; 95 TO 130 VAC 60 Hz PRIMARY; WITH CAPACITORS. SOLA AND OTHER MFGS. REMOVED FROM E-QUIPMENT.

SEC: 18 VDC 6 AMPS
SIZE: 4⅜x3x5, 10LB
#21804 $7.95

SEC: 24 VDC 5 AMPS
SIZE: 4⅜x3½x5 15LB
#22661-1 $9.95

SEC: 25-27VDC 3.5 A AMPS; 5x3½x4¾ 11LB
#22662 $6.95

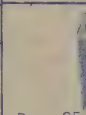


PRI: 115 V 60 c
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3½x3; 4 LBS
STK#ORD7629806
PRICE: $1.50

CONSTANT VOLTAGE
SEC: 6.5 v. 12 AMP
PRI: 95-130v 60 HZ.
SIZE: 9½x4x4; 15 LBS
SOLA#302473 $9.95

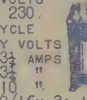
MAGNETIC AMPLIFIER 115,400 CY/ HEATER/D.C REFERENCE/ CONTROL.
KEARFOTT#425957-1A/SPERRY 622033. 3x2x2; 1¾ LB.
5950-712-3882 $3.95

PRI: 2/115 VAC 50-60 Hz.
SEC: 5 VCT 2 A; 5 VCT 4 A; 6 VCT 3.5 A; 115 V RMS 600 MA.
SIZE: 4½x4½x3⅜; WT: 15 LBS.
#89-G-2730, USED, $4.95



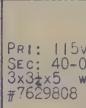
PRI: 95/105/115/125/190/210/230/250 @ 60 CYCLE
SEC: 2/4/6/8/@225 MA 90/100/110 @ 225 MA.
115 @ 500 MA.
4½x5½x4; WT: 13 LBS.
KLIENSCHMIDT 5399 $9.95

PRIMARY VOLTS 81,163 & 230. 50/60 CYCLE
SECONDARY VOLTS
12 CT. 3½ AMPS
12 CT. 3½ "
13 CT. 10 "
@ 115v 2/16v-3A 1/17v 10A. SIZE 4x7x7 18LBS.
GE#7466333 $5.95



PRI: 115v 50/60HZ
SEC: 1425VCT 250MA
SIZE: 4⅜x5⅜x4⅜; 18LB
TRIAD#F-14A $14.00

PRI: 120v 60 HZ.
SEC: 1100VCT 180MA
4x7x5½; 18 LBS.
5950-518-2621 $10



PRI: 115v 60CYC
SEC: 40-0-40v .18A
3x3½x5 WT. 5LBS
#7629808
$1.50

PRI: 120/240 v. 60 HZ.
SEC: 420-470v 450MA/2.5v/3A 347v .63A/15v .02A/10.2v 5A 6.5v 5A. SIZE: 5½x6½x6½; 20L
5950-235-3786 $6.95

PRI: 1/2/4/10/20/40/100/200/400/1000/2000
SEC: 40 v. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 $8

PRI: 115v 60 HZ.
SEC: 1300VCT 100MA 6.3v 2A. 5v 2A.
4½x3⅜x4; 8 LBS.
URC#EK211-PA118 $8.95

PRI: 115v. 50-1600 HZ.
810VCT 125MA/570VCT 75MA.
2/5v 2A/6.3v 3.25A/2/6.3.65
4½x5⅜x4; 18 LBS.
C-1367048 $8.95

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS.10M.
4½x3½x5; 8 LBS.
#2Z9611.144
$2.95

PRI: 115v60CY
SEC: 375.5v @.016A
7.1v @ 1.15A
2x3½x2; 1LB
2Z9619-62 $2.95

PRI: 110/220/440 v 50/60 CYCLE
SEC: 24 v 6 AMP. 6 v 1 "
CIRCUIT RESET FOR 4¾ SQ. BX. MTG.
7x4½x5; 10 LBS.
FOSTER#D11586$6.95

CONSTANT VOLTAGE TRANSFORMER
SOLA #21134 WITH CAPACITOR. REGULATES VOLTAGE AUTOMATICALLY AND INSTANEOUSLY.
PRI: 95-130v 60CYC
SEC: 6.3 v 2.38 A
5½x3½x2½ WT: 8LBS.
#5950-581-5333
UNUSED $5.95

PRI: 115 v 60 HZ
SEC: 24VAC 2.2 A.
3x2½x2½; 4 LBS.
#BE 8445 $2.50

PLUG-IN TRANSFORM
PRI: 115v 60HZ
SEC: 24v 20VA
2⅜x2x2; 2LBS.
BL#8002 $1.50

PRI: 115v 50-133CY
SEC: 20 VOLT LOAD OR 12.5v @ 2 AMPS MOUNTED ON 4" RD. ELECT. BOX COVER
3x3x2½; 2 LBS.
#FR-24960 $1.25

AUTO-TRANSFORMER 0-107-115-122-210-230-250 V. 60HZ 1.5KVA W/ON-OFF SW. 3 SLO BLO FUSES & INDICATORS 5x13x7½; 40LB. KS2833 $15.

PRI: 220, 230, 240 SEC: 14v @ 5A 20v @ 5A 4x4½x5½ WT. 12 LB CS8779A $5.95

PRI: 115 VOLT 50/60 HZ SEC: 230 V 2.2 A. 4ADC HALF WAVE. SIZE:6x5⅝x7⅞; 35 LBS.FGC-29/7F1A03YY $12

PRI: 0/116/120/124v. 60CY. SEC: 126v. 1.1A. 114v. 1.0A. TF4RX01YY 8¾x5¼x4½ .27 LBS. K95-1476 $7.95

CHOKES

8 HY 100 MA 160 OHM 2¾x3½x2½; 3 LB. #TR-1024 $1.50

10 HY 0-1 AMP DC @ 10v. 60 HZ, 268 OHMS. 2¾x3¾x2¾; 4 LB #6467 $1.75

7.5 HY 165 MA. 200 OHMS. 2¾x4x2½; 3 LBS#8617 $2.50

12 HY 210 MA 50 OHM; 5x6x4½; 14 LBS. #3C316-33 $2.50

140 HY @ 5v. 60 HZ; 10 MA DC 2700 OHMS. 2¾x2¾x3½; 3 LBS. #HA-61-C $2.95

8 HY 300 MA RES. 90 OHM WT: 7½ LBS. 8x3¾x4½ 3340-310-190 $5.95

BENDIX CHOKES 12 HY@400 MADC 100 OHM 5x6x4½; 20 LBS #L217434-1 $7

5 HY @ 400 MADC 60 OHMS. 4x5¾x4; 12 LBS #L217432-1 $5

CHOKE .078 HY 0.6 AMP. 0.3 OHM. 3x4¾x3½;5 LB 586-0761 $2

CHOKE 5 HY. 60 MA. 200 OHMS DC 4 OZ. 2¾x1¾x1½; #8750 $1.50

5 HY 30 MA RES. 250 OHM 2x2x2½, 1¾LB #3C3672 $.75

10,000 VOLT

AMP P/N B45321-3 PRI:115v 60HZ. SEC: 10,000VAC100MA 5x5x4; 10LBS. $20

SCOPE XFORMERS

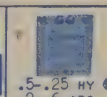
PRI: 115 VAC 60 Hz-535 WV SEC: 1850 V 7.1 MA RMS TWO 2.5 V 3 AMPS 5.71 KV WVM. SIZE: 3¾x3¾x6½; 9 LBS. SH. #K56J54, UNUSED, $7.95

PRI: 118 VAC 60 HZ SEC: 6.3 V. 5 AMP 8214 WV. SIZE: 5x3½x3 WT: 7 LBS. #5950-059-2414 $6.95

PRI: 120 VAC 60 HZ SEC: 6.3 V. .7 A. 535 WV. 2/6.3v. .6 A. OPPOSED; 350 WV TO SEC3, 3800 WV TO GROUND 180 FW BRIDGE 50 MA, INSULATED FOR 3800 WV SIZE: 3¾x3¾x5 WT: 8 LBS. #HA-123-P $6.95

10 AMP CHOKE

CHOKE INDUCTOR 30 MH 3 A. .18 OHMS, 5MH 10 A .075 OHMS. 5¾x6¾x4½; 22LB SCHOTT#S3310 $8.00



.5-.25 HY @ .2-.6 ADC 70OHMS MAX DC 535v WVM 2¾x3¾x2½ 4 LBS. GE#9T35Y283 $1.25

45 MHY 3.4 A-DC CHOKE; .24 OHMS 65 V MAX. 120 HZ 3¼x4¼x3¼; 11 LBS #4619, $4.95

DUAL 2.5V

PRIMARY 115 V 60 HZ SECONDARY 2.5 VCT 10A 2.5 " " 2400 V. TEST 3¾x3x4½; 6LB 229987-3 $4.95

PRI: 115 V 60 HZ SEC: 900 VCT 130 MA RMS. 5x5x3½; 13 LBS. #229612-38, $7.95

1.5 HY 1.5 AMP 5000 V. TEST 8¾x8¾x6½; SHPG. WT: 60 LB 5950-159-6041 $14.95

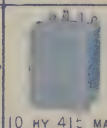
10 HY 150MA 210 OHMS WT. 4½ LBS. SIZE: 2¾x5x2¾ #217366-1 $1.75

CHOKES LOW VOLTAGE HY UNKNOWN

LEEP6580 3 AMP. $1.95

LEEP6433 9 AMP. $3.95 SIZE:2¾x3x2½. 3 LBS.

6.3 HY @ 6.24A. 61 OHM;3¾x3x3½ #814-2421 $3.95



10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3½ WT: 12 LBS. 5950-645-9675 $4.95

CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3¾x3¾x5 WT. 9LB BENDIX#L217380-1 PRICE:$3.95

10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE3¼x4¼x3 WT: 7 LBS. 3C323-6Z20 $1.95

3.5 HY 500 MA 100 V. 60 CYC 30 OHMS 715WV 4x5¼x3½;10 LBS TF1A04KA/A8649 $2.95

11 HY 120 MA 3¾x3x3½ 6LBS. #13639-S $1.95

5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4½x4 WT. 13 LBS. #3521746 $7.00

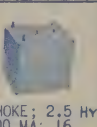
10 HY 225MA 85 OHM 3¾x5¼x5 WT. 11 LBS. #TF1RX04YY $3.95

PRI: 115 VAC 60 Hz SEC: 550 VCT 200 MA; 5 V 2 A; 6.3 V 3 A. 4x5¾x4¾; 15 LBS. SH. #K-44J208, $6.95

DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5½ WT 8 #3C557F-1 $1.75

11 HY 500MA 1350 VAC @ 120CY 7x6x9½ WT. 42 L. ITC NO. DC-6281 PRICE: $8.95

10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS #5950-646-1383 $5.95



CHOKE; 2.5 HY 700 MA; 16 OHMS. SIZE: 5x4-3/8x4¾; SH WT: 17 LBS #147-1340, $3.95

PRI: 115 VAC 60 Hz SEC: 280 VCT 75 MA; 13.5 V 1.2 AMPS; 5 VCT 3 A. SIZE: 4½x3¾x4-5/8; 16 LBS. #193-8767 $3.95

PRI: 120v 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3v @ 1A 5VCT @ 4A 3x3½x5 WT. 7 LB BENDIX#L217336-1 PRICE: $3.95

REACTOR FILTER CHOKE INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK. SIZE: 3¾x4¾x2¾; WT: 6 LBS. L-225/PP-115 $2.50

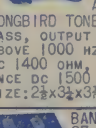
PRI: 117v 50-60CYC SEC: 3/5v CT @ 2A 2/5v CT @ 2A 2/2.5v @ 10A 7x4x3½ WT. 12 LB GILFILLAN #54148-1 PRICE: $5.95

PRI: 220/230/240v 50-60 CYC SEC. 2.5v CT @ 10A 5¾x3¾x3¾ WT. 6LBS 5950-648-4773 PRICE: $2.95

IGNITION TRANSFORMER PRI: 230v 50/60 CY SEC: 5000v 18 MA ONE END GND. 6x4½x3¾; 12 LBS. 5950-959-5369 $7.95

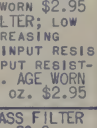
FILTERS

ANTIQUE



MIGNON REGAL TONE FILTER HIGH PASS 40 HZ APPROX. 600 OHM INPUT W/0.8 MFD CAP. TO 600 OHM SPEAKER. 6 OZ. SIZE:2¾x3¾x3¾ AGE WORN $2.95

SONGBIRD TONE FILTER; LOW PASS, OUTPUT DECREASING ABOVE 1000 HZ., INPUT RESIS DC 1400 OHM, OUTPUT RESISTANCE DC 1500 OHM. AGE WORN SIZE:2¾x3¾x3¾; 6 OZ. $2.95



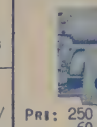
BAND PASS FILTER 27.8 TO 30.8 KC., OPER. FREQ. 29.3 KC, INPUT IMP. 200 K OHMS OUTPUT 100 K OHMS. Z74376.28 4¾x5¾x3¾; 3LBS. $2.95

DAVIS DIMMER AUTO TRANSFORMER 230 VOLT 60 CYCLE 1 PHASE WITH 5 48 VOLT CIRCUITS THAT CAN BE VARIED 0-48 V. MAX. 20 A. TOTAL. SIZE:10x10x7; SHPG. WT: 90 LBS #GR-3 $19.95

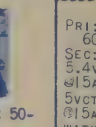
TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 VAC 60CY SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE.140 LB SIZE:16x8x15½; 5950-537-4950 PRICE: $39.50

PRI: 115 V.50 CYC SEC:150v. 550 MA 150v. 2.0 AMP 5.0v 5.0 " 6½x6½x4½; 28 LBS. 5950- $6.95 5950-481-3482 $6.95

MULTI-VOLTAGE ISOLATION TRANS. PRI:73/88/95/105/115/125/190/210/230/250. 50/60 CY SEC:17.6/35.2/189 193/196/200/203 @ 1.6 AMP. 9¾x4¼x7½; 40 LBS. 229619-6 $14.95



PRI: 250 VAC 50-60 Hz SEC: 7.5 VCT 50-60 AMPS W/24-STEP VOLTAGE ADJUST SWITCH. 8¾x10¾x8¾; 42 LBS #351-5038, $12.95

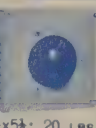


PRI:120 V 60 CYCLE SEC: 5.4v/2.7v @15A 5VCT @15A WITH INSULATOR & TUBE SOCKET C6 5x5x7. 15 LBS 5950-353-5572 $14.95

SWINGING CHOKE, .48 HY 100 MA MIN.; 5.5 HY 600 MA MAX. 10.6 ; 1500 V RMS. 4½x3½x4½; 14 LBS. #4547, $4.95

30/8 HY 10/130 MA DC CHOKE; 500 V RMS RIPPLE, 150 OHMS; 1200 WV. SIZE: 3x4¾x3¾; 10 LBS. SH. #969-5721, $2.95

VARIABLE TRANSFORMERS



LUXITROL VARIABLE TRANSFORMER; OUTPUT: 0-120 V 8.3 A. FROM 115 VAC 60 Hz INPUT. SET IN STEEL BOX 7¾x7¾x5½; 20 LBS. USED, $27.95

115 VAC 60 Hz PRIMARIES

VARIAC 200B, 0-135 V. @ 1.0 AMP, USED, $8.95

POWERSTAT TYPE 10B, 0-132 V @ 2.25 AMPS, USED, $11.95

STACO 300BU, 0-140 V. @ 3.0 AMPS, USED, $14.95

POWERSTAT TYPE 21, 0-140 V @ 4.5 AMPS, USED, $19.95

VARIAC V20, 0-135 V. @ 20 AMPS, USED, $40.00

POWERSTAT TYPE 136, 0-130 V @ 20 AMPS; ENCASED WITH KNOB, USED, $50.00

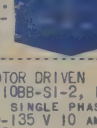
POWERSTAT TYPE 116B-C, 0-140 V @ 45 AMPS, UNUSED-BOXED, $125.00

POWERSTAT 5-1066, 0-3.5 V @ 2 AMPS FROM 12 V 60 Hz INPUT, USED, $2.95

VARIAC 200-CUH, 0-270 V @ 2 AMPS FROM 230 VAC 60 Hz INPUT, UNUSED, $18.95

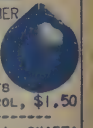
VARIAC M-5/RMS11-2, 0-135 V @ 5 AMPS FROM 115 VAC 400 Hz INPUT, #7486, $12.95

POWERSTAT, 115v. 400/800HZ OUTPUT: 0-130v 7.5 AMPS, 0.975 KVA. #5950-518-2508, NEW $13.95



MOTOR DRIVEN VARIAC V-10BB-S1-2, 115 V. 50-60 Hz. SINGLE PHASE. OUTPUT: 0-135 V 10 AMPS SH. WT: 25 LBS. USED, $50.

THREE-PHASE VARIABLE TRANSFORMERS AVAILABLE. VARIOUS RATINGS. WRITE YOUR NEEDS.



VARIABLE TRANSFORMER KNOBS, VARIOUS SIZES, MFG'S.

2-3/8" DIA. WITH 3/8" POINTER; FITS 3/8" SHFT. LUXITROL, $1.50

4" DIA. FITS ¼" DIA. SHAFT; POWERSTAT, $2.95

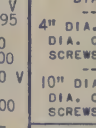
5" DIA. FITS ¼" DIA. SHAFT; GENERAL RADIO, $3.95

7½" DIA. WHEEL-TYPE CONTROL W/ALUMINUM POINTER; FITS ¼" SHFT. POWERSTAT, $5.95

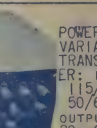
DIAL PLATES, UNUSED.

4" DIA. 0-100 SCALE; 7/8" DIA. CTR. HOLE, TAKES 3 SCREWS. #BP8087, $1.00 EA

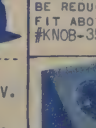
10" DIA. 0-100 SCALE; 1¼" DIA. CTR. HOLE, TAKES 4 SCREWS. #BP653, $2.50 EA



POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 CY OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE:7x8x5 SHAFT ¼x1½; WT: 25 LBS. POWERSTAT#LW136U USED $25



KNOB 4" DIA. WITH POINTER TAKES 11/16" SHAFT(NEEDS TO BE REDUCED TO FIT ABOVE UNIT) #KNOB-35 $1.50



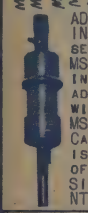
VARIAC OR RHEOSTAT CAGE; SLANT FACE, 8¾WX7½HX8¾D (BASE) AND 1¾ DEEP (TOP). WITH 5¾" DIA. 0-100 DIAL PLATE, 3 BANANA JACKS, RUBBER FEET. GREY. OHMITE MFG. #6975, NEW, $10.

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICLE POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HIEGHT OF BASE 10". WT: 10LBS. $4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. $4.75

MAST SECTIONS (SHOWN TO LEFT) 3 FT. TUBULAR STEEL COPPER COATED AND PAINTED. SECTIONS SCREW TO-GETHER TO MAKE DESIRED LENGTH W/MS-49 AS TOP, THEN MS-50, 51, 52 & 53. MS-53 CAN BE SCREWED INTO EACH OTHER TO MAKE ADDITIONAL LENGTH, THEN SINGLE MS-54 & MS-55 & MS-56. MS-56 DOES NOT HAVE THREADS AT BOTTOM. SELF SUPPORT TO ONLY ABOUT 15 FT. ALL SECTIONS ARE IN GOOD USEABLE CONDITION AND MAY NEED PAINT
MS-49, MS-50, MS-51, MS-52 EACH SEC. $ .50
MS-55, MS-56 " " $1.00
SECTIONS TAPER 5/8 TO 3/16, AV. WT: ½LB.
BG-56 CANVAS BAG, 5 COMPARTMENTS FOR 10 OR MORE SECTIONS. $3.00



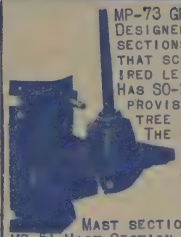
ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1¾x8; 1⅛ LB. NT-66023 $1.95

MP-48 MAST BASE WITH COIL SPRING FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT. HEAVY DUTY 16"x3" DIA REQ. 2½" HOLE MTG. (C MP-50 BELOW) $10

MP-57 MAST BASE WITH COIL SPRING & LARGE INS. FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT, 11½"Hx4½" INSULATOR, REQ. 2½" HOLE MTG. (C-MP-50) $10

MP-50 BRACKET; MAST BASE USE, MP-48, MP-57 AB-15 ETC TWO SIDED MTG. FOR MAST BASES SIZE 5x5x8; 5LBS $5

MOUNTING BRACKETS F/AB-15 OR LIKE 2" DIA. ANT. BASE MP-432 SIDE MOUNT, 6x1½x4½; 8 LBS SH., $3.95
#2Z1239-278 "L" MOUNT, 6x 9x5; 5 LBS SH., $3.00



MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICLE ANT. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW $9.95
AB-21, 22 OR MS-116, 117

MAST SECTIONS ARE AVAILABLE NOW THIS MS-51 MAST SECTION SHOWN ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. $1.50 EA. 4 FOR $5.
AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 $1.50 EA. 4 FOR $5.
AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC. $1.50 EA. 4 FOR $5.
AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. $1.50 EA.
AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. $1.50 EA.
MP-74 GOOSENECK BASE FOR MAST SECTION AB-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. $1.50 4/$5.
M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE, 7½" LG. $1.50EA 4/$5.
FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT MAILABLE) #9735 $5.00
UPM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 2½" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING.
AT-50 FOR USE IN LOW BAND $14.95
AT-51 FOR USE IN HIGH BAND. $14.95
AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. $1.50 EA. 4/$5.00
MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 $3.00
AN-20T ANTENNA TELESCOPING 20" EXTENDED, 8½" COLLASPED, CHROME. 50¢ EA. 5/$2.00
GOI=51048 TELESCOPING WHIP ANTENNA, 15" COLLASPED 7' EXTENDED. $1.50 4/$5.

VLF LOOP ANTENNA

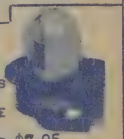
AT-382 LOOP ANTENNA FOR USE WITH RECEIVERS IN THE 190-1500 KHZ RANGE, 9" LOOP (19 UH) PROVIDES FOR AURAL DIRECTION FINDING, ANTI-STATIC RECEPTION AND SENSITIVITY. REQ. SMALL SPLINE FLEX. SHAFT & CONTROL BOX FOR REMOATE TUNING & UG-88 FOR ANT. CONN. 14x9x4; 10LB. UNUSED $6.95

CHOPPER

RF CHOPPER USED IN AUTOMATIC DIRECTION FINDING ANTENNAS TO SAMPLE BETWEEN SENSE AND REFERENCE ANTENNA. USES TWO 100 Hz ±5% COILS; CAN BE ACTUATED MANUALLY WITH DC VOLTAGES. HAS TWO UG-88 CONNECTORS ON 15" CABLES AND UG-290 BNC OUTPUT CONN. 4-3/8x3½x2; SH WT: 3 LBS. REMOVED FROM EQUIP. #354-1013-00, $2.95

MICROWAVE ANTENNA & 20' MAST FOR USE IN THE 4400-5000 MC BAND. PARABOLIC REFLECTOR MADE IN SECTIONS OF ALUMINUM SCREEN IMPREGNATED WITH FIBERGLASS, THE DUPLEXING HORN RECEIVES & TRANSMITS SIMULTANEOUS. THE AZIMUTH AND ELEVATION CAN BE ADJUSTED BY THE GEAR DRIVE MECHANISM. THE 20' ALUMINUM MAST IS SECTIONILIZED AND COMES W/ ALUMINUM CASE WITHNBECESSARY BRACKETS, GUYS AND ANT. LEAD WIRE TO MAKE A PORTABLE SYSTEM. OA-1378 GROUP. CASE SIZE 27x17x9: 75 LBS.
PRICE: $50

AT-271/PRC WHIP ANTENNA, 7 SEC. 8½ FT. THRO-OUT TYPE USED $4.95
LM-21AM LOOP ANTENNA FOR ARN-7 COMPASS SYSTEM 200 TO 1500 KC USED $25
AS-578/ARA ANTENNA FOR ARC-27, 34, 55 DIRECTION FINDER USED $25.



AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC. OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED $7.95

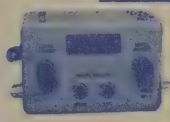
A-62 DUMMY LOAD FOR ANTENNA; USED TO LOAD TRANSMITTERS UP TO 30 WATTS WITHOUT RADIATING FOR USE IN THE FREQUENCY RANGE 21 TO 27.9 MHZ. USED WITH BC-604. SIZE: 3x6; 5LBS. WITH MTG. BRACKET & INSTRUCTIONS. NEW $4.95

ANTENNA CHANGEOVER

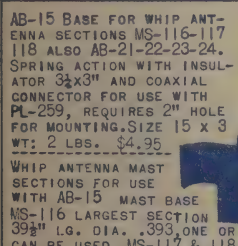
ANTENNA CHANGEOVER RELAY, 12 VDC SPDT; LOW POWER RECEIVER TYPE. WITH TWO UG-88 BNC'S ON 15" COAX AND ONE UG-447 BNC. CASE GROUND. REMOVED F/EQUIP. #JAMES C-586, $2.50

ANTENNA CHANGEOVER RELAY, 6 TO 24 VDC, 16 OHM COIL. W/TWO UG-88 BNC CONN.; REMOVED FROM EQUIP. 3x2x1; 1 LB SH. #K401/T-278, $2.50 EA.

COMPARATOR



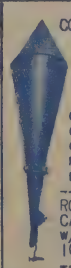
CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 IN281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5½x3½x3½ WT: 4 LBS. NEW $4.95



AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117 118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3½x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 x 3 WT: 2 LBS. $4.95

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15 MAST BASE MS-116 LARGEST SECTION 39½" LG. DIA. .393, ONE OR MORE CAN BE USED, MS-117 & 118 FOR TAPER 39½" LG. $1.50 PER. SEC.

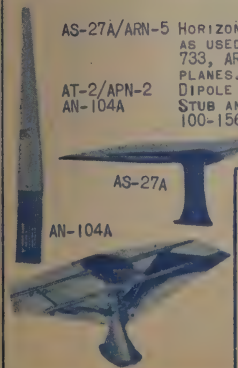
AB-243/G SIDE MTG. FOR AB-15 BASE, WITH 2" MTG. HOLE. SIZE: 10¾x7x4¾; WT: 8 LB $4.95



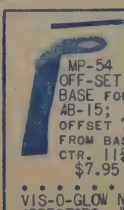
CG-1013 TRANSMISSION LINE LAUNCHING UNIT WITH HEATING ELEMENT INSIDE. ALUMINUM W/CONICAL FIBER GLASS SHIELD OVER ELE. COAXIAL CONN. FOR UG-100 PLUG, 33" LG. 8" DIA. 10 LBS. $5

RG-14A/U COAXIAL CABLE 51 OHM #10 W/UG-100 & UG-707 10' $7.50 15' $10

SOLID COPPER #10 VINLY COVERED ANTENNA WIRE 250 FT. ZM1-4884C $25



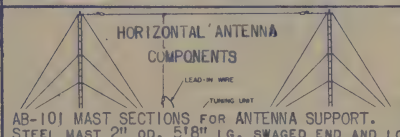
AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIRPLANES. 108-110 MC $9.95
AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95
AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95



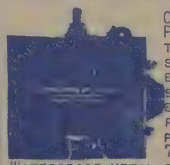
MP-54 OFF-SET BASE FOR AB-15; OFFSET 7" FROM BASE CTR. 11¾"H. $7.95

20" DIPOLE W/14" SUPPORT. 230-250 MHZ; 50Ω LINE FEED. USES TYPE "N" CONNECTOR. #2A288A-35 $4.95

VIS-O-GLOW NEON LIGHTNING ARRESTORS, #4392, $1.00 EA.



AB-101 MAST SECTIONS FOR ANTENNA SUPPORT. STEEL MAST 2" OD. 5'8" LG. SWAGED END AND LOCKING DEVICE. SOLD ONLY IN SET OF SEVEN WITH CARRY. WEIGHT 100 LBS. PRICE USED $50.00
MX-384 INSULATOR, FITS OVER 1-3/8" DIA. MAST OTHER END 1-3/8" OUTER DIA. $1.95
AB-154 BASE WITH SWIVEL STAKE, 1-3/8" DIA. SLIPS INTO MAST SECTION. $1.95
MX-857 ADAPTER, FITS OVER 1-3/8" DIA. MAST F/USE OF MS-116-117-118 WHIPS. $1.95
MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK.
MX-382 GUY 31 FT. WITH ATTACHMENTS $1.00
MX-381 " 40 " " " $1.25
MX-383 " 50 " " " $1.50
MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS $0.50
GRA-4 STAKE FOR GUYS, STEEL 18" 1½x1½ ANGLE WITH FASTENER. 2 LBS. $ .75



CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ. INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE: 8x4½x7½; SHPG. 15LBS. NEW $4.95

AS-554/TRC-29 ANTENNA 8 FT. PARABOLOID WITH MESH REFLECTING SURFACE, AND HORN FEED. ANTENNA IS SHIPPED IN 2 CARRIERS, 2 SECTION IN EA. AND HORN SEPARATELY. ALUMINUM CONSTRUCTION, SHIPPING WEIGHT 500LBS. CG-1013 TRANSMISSION LINE LISTED ELSEWHERE ON THIS PAGE.
PRICE: $250.00

ANTENNA WIRE PHOSPHOR BRONZE #16, 20FT W/2 SNAPS & SLIDE. ADJ. AN-22 $1.00 EA.

CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX. RG-NO	OHMS	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52	.18	.16	.16	.15
RG-11/U	75	.16	.14	.14	.14
RG-58/U	53.5	.08	.06	.05	.04
RG-59/U	73	.08	.06	.05	.04
RG-62/U	93	.08	.06	.06	.06

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
59¢ EA.	59¢ EA.	69¢ EA.	$1.25 EA.
10 OR MORE 55¢ EA.	10 OR MORE 55¢ EA.	10 OR MORE 60¢ EA.	10 OR MORE $1.10 EA.

COAX CONNECTORS

UG-18	NEW	$1.00	UG-710	NEW	$3.00
UG-21	USED	.75	UG-909	NEW	1.00
UG-21	NEW	1.25	UG-911	NEW	1.25
UG-22	USED	.75	UG-913	NEW	2.00
UG-27	USED	1.25			
UG-27	NEW	2.00	UG-924	NEW	3.00
UG-29	USED	1.00	UG-940	NEW	2.00
UG-29	NEW	1.50	UG-943	NEW	3.00
UG-30	NEW	1.50	UG-968	NEW	4.00
UG-36	NEW	6.00			
			UG-997	NEW	4.00
UG-88	USED	.39	UG-1090	USED	1.50
UG-100	USED	.75	UG-1185	NEW	2.00
UG-100	PANEL "	.75	UG-629	NEW	2.50
UG-109	USED	1.00	UG-1213	NEW	2.00
UG/DA-113	NEW	5.00	2176	NEW	3.00
UG-160	USED	1.50	C2365-3	NEW	1.50
UG-180	USED	3.00	3649-1	NEW	1.50
UG-181	USED	3.00	6006	NEW	1.00
UG-201	NEW	2.00	6137	NEW	1.50
UG-212	NEW	3.00	6177	NEW	1.50
UG-255	USED	1.50	6955	NEW	1.50
UG-260	NEW	.75	8270-1	NEW	3.00
UG-261	NEW	1.00	8842	USED	1.00
UG-273	NEW	1.50	8576	USED	1.00
UG-274	NEW	2.00	9113	NEW	1.50
UG-282	USED	1.25	9192	NEW	1.50
UG-282	NEW	2.00	9196	NEW	4.00
UG-290	USED	.50	9192	USED	1.50
UG-291	NEW	1.00	10442	NEW	1.50
UG-306	USED	2.00	10651	NEW	1.50
			15601	NEW	1.50
UG-491	NEW	2.00	30231-1	NEW	1.50
UG-535	USED	1.25	30232-1	NEW	1.50
UG-536	NEW	2.00	95712-30369 "		2.00
UG-560	NEW	2.00	18-30-1AS3 "		3.00
UG-573	NEW	2.00	83-877-1050 "		1.50
UG-603	NEW	2.00	10H528	NEW	1.00
UG-636	NEW	2.00	10H702	NEW	1.00
UG-701	NEW	2.50	10H1366	NEW	1.00

COAXIAL CABLE ASSY. REMOVED FROM TEST SETS AND EQUIPMENT. ALL GUARANTEED TO BE USEABLE.

RG-59, MALE/FEMALE "N" CONN. 50' #CG-357, $3. RG-21 53 OHMS, UG-630 TO UG-626 37' $3.50

RG-55/U 53.5 OHMS .216 OD. 250 FT. W/UG-88 CONN. EA. END. ON TEST SPOOL, 12 LB. $12.00

RG-26/U 48 OHM 30 FT. W/2-UG-34 CONN. $4.95
RG-22/U 95 OHM 50 FT. NO CONNECTORS $3.00

WIRE

AIRCRAFT TYPE WIRE, NYLON INSULATION, BRAID COVERING, 600V. 200 SILVER COATED WIRE/SHIELD

#22 STRANDED 100 FEET $4.50 1000 FEET $35.00
2/22 " " " 6.00 1000 " 50.00

#18 16/30 VINYL COVERED HOOK-UP $2/C $15/M FT
#20 10/30 " " " "1.75/C 11/M "

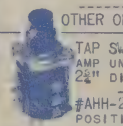
TAP SWITCHES

OHMITE MODEL 608-6 HEAVY DUTY TAP SWITCH, 300 VAC 100 AMP RATING; SIX TAPS WITH 200 FULL ROTATION. 6" DIA. X 3-3/8"; SHAFT 3/8" DIA. X 2". LESS KNOB, $10.95
MODEL 608-4 TANDEM, SIMILAR, BUT TWO DECKS, FOUR TAPS EACH, 7" L. 12 LBS. USED, LESS KNOB, $16.95

OHMITE MODEL 212-12 TAP SWITCH; 150 VAC 20 AMP RATING. TWELVE TAPS WITH 330 TOTAL ROTATION. SIZE: 2¼" DIA. X 1⅝"; SHAFT ¼" DIA. X 1¾"; SHPG. WT: 2 LBS. LESS KNOB, $2.95

OHMITE MODEL 412-5 TAP SWITCH, 300 VAC 50 AMP (150 V. BETWEEN TAPS). FIVE TAPS IN 120 FULL ROTATION. ¼" DIA. SHAFT. OVERALL: 4¼" DIA. X 2⅝". SHPG. WT: 4 LBS. LESS KNOB, $6.95

OTHER OHMITE SWITCHES AVAILABLE. WRITE.

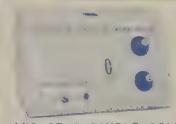


TAP SWITCHES, 120/240 VAC 10/5 AMP UNLESS OTHERWISE NOTED. 2⅝" DIA. SHPG. WT: 1 LB. USED.

#AHH-23-10; TWO DECK, THREE POSITION. WITH KNOB, $1.95
#AHH-230; 2-DECK, 3-POS. AND OFF; CONT. TURN. 15/10 AMP. L/KNOB, SHFT 3/16" D. X 2", $2.25
#LOV-230; LIKE AHH-230, BUT SHFT 1¾" L. $2.50
#AHH-33-10; 3-DECK, 3-POS., W/KNOB, $2.75
#LOV-330; SAME AS LOV-230, BUT 3-DECK, $2.95
#AHH-63-10; 6-DECK, 3-POS., W/KNOB, $3.95

AHH-2W-3W TAP SWITCH; 3-POSITION WITH OFF. TWO-WIRE RATING: 120/240 VAC 30/15 AMP; THREE-WIRE: 15/15 AMPS. CASE SIZE: 1-7/8x 1⅝x 1½; WT: 1 LB. USED, WITH KNOB, $2.95

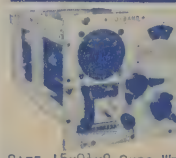
SUGAR READER



CALBIOCHEM MR340 GLUCOSE MINI-READER; A SMALL FIXED-WAVELENGTH (340 NM) ULTRAVIOLET PHOTOMETER DESIGNED TO MEASURE GLUCOSE LEVELS IN BODY FLUIDS. USE OF THE INSTRUMENT INVOLVES THE PLACING OF A SAMPLE SOLUTION IN A SPECIAL CULVET (NOT AVAILABLE) BETWEEN THE KNOWN LIGHT SOURCE AND A PHOTORESISTIVE CELL. A REDUCTION REACTION OF NADP TO NADPH BROUGHT ABOUT BY A STANDARD SET OF ENZYMES ESTABLISHES THE SUGAR CONCENTRATION BY THE VARIANCE OF THE RESISTANCE IN THE ELECTRICAL CIRCUIT. THESE DIFFERENCES ARE TRANSLATED ELECTRONICALLY IN TERMS OF GLUCOSE CONTENT INDICATED ON A 2¼x2¼ METER. THE METER READS 0-350 MG% IN TWO SCALES. PRECISION: ±1% OF FULL SCALE. SENSITIVITY: ½ SCALE DIVISION (1.5 MG%) DISCERNABLE ON LOW SCALE. ENZYMATIC REAGENT PACKAGES ARE NOT AVAILABLE. OTHER USES OF THE METER WITHOUT THE SPECIAL ACCESSORIES POSSIBLE AS A COMPARATOR OF RELATIVE FLUID OR TRANSPARENT MATERIALS DENSITY. UNIT INCLUDES INSTRUCTION BOOK AND TEST INFO. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 4x7½x4½; SHPG. WT: 6 LBS. PRICE: UNUSED, $29.95

MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 11" SQ. X 15" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSED $14.95
WITH 7BP7 C.R. TUBE " " $24.95

AMPLIFIER CONVERTER



AM-1955/GRC AMPLIFIER CONVERTER COVERS FREQ RANGE 600 TO 1000 MHZ. IT SEEMS TO BE ABOUT 20 MHZ. A 115V 60HZ MOTOR IS PART OF AFC SYSTEM. POWER REQUIRED 150 VDC AND 6.3 VAC. TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE, SIZE 15x9½x8 SHPG WT: 30 LBS. USED EXCELLENT CONDITION $50.00

XMITTING CAPACITORS

MICA TRANSMITTING CAPACITORS, G-SERIES TYPE IN USED OR UNUSED CONDITION DEPENDING UPON A VALUE'S AVAILABILITY. VARIOUS MANUFACTURERS. SATISFACTION GUARANTEED OR PURCHASE PRICE WILL BE REFUNDED. OTHER VALUES IN STOCK. WRITE.

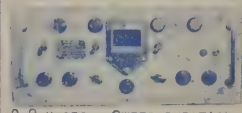
TYPE	KV	MFD	KV	MFD
G1, 2¼"H x 2¾" DIA., WT: 3 LBS.				$12.50
	1.0	0.04	6.0	0.0001
	1.5	0.08	6.0	0.00024
	3.0	0.02	6.0	0.0006
	4.0	0.0062	6.0	0.003
	5.0	0.00015	6.0	0.0047
	5.0	0.01	10.0	0.00015
G2, 3⅛"H x 3" DIA., WT: 5 LBS.				$18.50
	2.0	0.03	10.0	0.00027
	2.0	0.045	10.0	0.00057
	8.0	0.003		
	10.0	0.00015	15.0	0.0002
	10.0	0.0002	20.0	0.00005
G3, 5"H x 4" DIA., WT: 8 LBS.				$27.50
	2.5	0.15	14.0	0.002
	5.0	0.02		
	6.0	0.006	20.0	0.000051
	8.0	0.005	20.0	0.00015
	10.0	0.0051		
G4, 5"H x 5⅝" DIA., WT: 12 LBS.				$39.50
	4.0	0.084	10.0	0.02
	4.0	0.01	12.0	0.008
	6.0	0.024	15.0	0.004
	6.0	0.0373	15.0	0.01
	8.0	0.012		
	10.0	0.01	25.0	0.0025
G5, 6⅝"H x 10" DIA., WT: 22 LBS.				$59.50
	10.0	0.02	25.0	0.0051
	15.0	0.0068	30.0	0.0027
	15.0	0.0082	35.0	0.0003
	15.0	0.01	35.0	0.00039
	25.0	0.003	35.0	0.00082
	25.0	0.004	35.0	0.0015

STEPPING SWITCHES

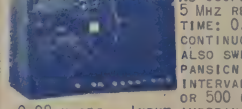
STOCK NO.	POS.	DECK	VDC	PRICE
7709181-P3	25	10	24	$9.95
7709181-P6	25	9	24	8.95
7709181-P1	26	9	24	9.50
H77256	26	4	24	5.95
A224362 NEW	26	10	24	12.95
A202763	10	6	36-48	5.95
A29656	25	10	36-48	8.95
917722	24	8	30	5.95
289281 NEW	26	2	12	9.95
SW8RDC	25	10	28	8.95
A320750	20	8	115	9.95

AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC. CONTAINS PULSE AND SWEEP GENERATORM VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS. USED $39.50

DIPOLE ANTENNA FOR AN/UPM-1 USED $9.95



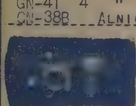
OS-29/UPM-4A OSCILLOSCOPE, USED AS PART OF RADAR TEST SET. INPUT SENSITIVITY: 0.2 TO 20 V. IN SIX STEPS; RISETIME: 0.2 U-SEC. SWEEP DURATION: 5, 12, 75, 500, AND 2600 U-SEC; SWEEP DELAY ADJUSTABLE FROM 3 TO 175 U-SEC. MARKERS AT 0.1, 1, 5, AND 50 U-SEC. INPUT IMPED: 400K OHMS (MIN) PARALLELED BY 60 MMF. WITH 3JP1 CRT. VOLTAGES REQUIRED: 300, -27, 425, AND 105 VDC. SIZE: 9¾x22¼x17¾; SHPG. WT: 50 LBS. RECOND., $34.95



TS-239/UP OSCILLOSCOPE, AC COUPLED WITH 10 Hz TO 5 MHZ RESPONSE. SWEEP TIME: 0.5 TO 50K U-SEC. CONTINUOUSLY ADJUSTABLE; ALSO SWEEP DELAY AND EXPANSION x10. MARKERS AT INTERVALS 0.2, 1, 10, 100 OR 500 U-SECS. RISETIME: 0.08 U-SEC. INPUT IMPEDANCE: 300K OHMS PARALLELED BY 30 MFD. SIGNAL INPUT VOLTAGE: 0.1 TO 100 VOLTS PEAK. WITH 3JP1 CRT. POWER REQUIRED: 115 VAC 50-1000 Hz. SIZE: 21½x16½x13½; SHPG. WT: 75 LBS. USED, REP, $35

MAGNETC GENERATORS; HAND CRANK, APPROX OUTPUT 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING TELEPHONE BELLS. CAN BE USED FOR WORM SHOCKER ETC

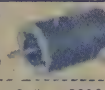
					ROUND TYPE	
GN-41	4	"	"	$9	G-25	$5.95
GN-38B	ALNICO		"	$10	G-42	$7.95



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60v. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3½ CNTS. BODY SIZE: 6½x4¼x4¼ WT: 11 LBS. $4.95

VARIABLE SPEED DRIVE CONTROL USED WITH MOTOR AM No. E-85-132. GE#3S750RJ750A1, FIELD 100 VDC ARM., 140 VDC., 2.6 A INPUT 230 V. 50/60 HZ. 5 LBS GE#3S7505RJ750A1 NEW $25.00

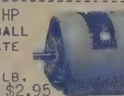
JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1x½ DIA. WT: 1 LB. UNUSED, $1.25



GE#5PR56HCM 110 V. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3½x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.$12.95

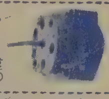
DICTAPHONE #7CB-2P; 115 V. 60 C 1/60 HP. 1740 RPM, SIZE 3x3, SHAFT EA. END ¼x½, 2LB.N $9.95

ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4½x3⅓" DIA. WT: 1½ LB. PRICE: GOV'T RECONDITIONED $2.95

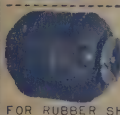


DELCO MOTOR A7155 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5¼x2⅛ DIA. SHAFT 1x¼ DIA. WT: 1½ LB. UNUSED $2.95

TG-10 KEYER MOTOR, 115v. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3½x3½x4½ WT: 3 LBS. #3H3000-3 USED $2.95



ELECTROLUX MOTOR 28.5 VDC 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1¼x¼" DIA. MOTOR SIZE: 4½x3½ DIA. WT: 5 LBS. USED $3.95



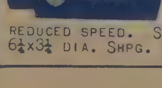
WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115v. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4½x4x4; WT: 5 LBS. SHAFT 5/16x½ FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW $4.95

HYSTERESIS SYNCHRONOUS MOTOR 115v 60HZ, 1800RPM, CONT. 1/8HP FL. MTG. 7", SHAFT 2"/1"x½ DIA. SIZE 6x5, CAP. ST. USED 25LB. BODINE#NCH-54 OR EQUAL $25.00

RECORDER MOTOR, 115 V. 60 CYCLE CAP. REQ. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. IN. MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FOR FLAT MOUNT. ¼" SHAFT AVAILABLE WITH OR WITHOUT CONE. MOTOR SIZE 4½x3¼. REVERSIBLE DUAL SPEED. #HBC-2918-2N; 6 LBS. PRICES: WITH CONE $5.95 LESS CONE $4.95

HEINZ 1160039-C57; 115 V. 60 CYC. .7 A. 3500RPM MO. SIZE 3x3¾, SHAFT ¼x3; 3 LB. CONT. N.$6.95

EAD/WE KS-5718; 115 V. .27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. MO SIZE 3¼x3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.$14.95



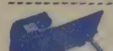
WE KS-5871-L01 MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT ¼x¼, OVERALL SIZE: 6¼x3¼ DIA. SHPG. WT: 7 LBS. USED $7.95

MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2½x2¾x3 WT: 1 LB. #MER-MO2428 USED 75¢

OPEN FRAME MOTOR, 115v. 60 HZ. 500 RPM ONE DIRECTION, 1000 RPM THE OTHER. SHAFT ½x1/16" DIA. SIZE: 2x3x4 WT: 2 LBS. #B30B $1.00

EMC TYPE 300, 45v. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2½x1¼, SHAFT: 1x3/16" DIA. WT: 1 LB. $1.50.

28 VOLT MOTOR, 135 RPM; HP: 1 OZ/IN. WITH 5/16x¼" DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1x1¼x¼ BLOCK. MOTOR SIZE: 5x1-7/8 DIA. WT: 1 LB. GE#5BA10FJ444 USED, $7.95



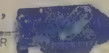
GEARHEAD MOTOR; 115 VAC 60 Hz, 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. 6x2x3, 2 LBS. #ZA-1056, $1.95

ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 11½x¾x3½; MOTOR SIZE: 1½x2x1½ WT: 3 LBS. $2.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2¾x3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED $3.95

POWERFUL SEVEN POLE 12 VDC MOTOR EXCELLENT FOR MODEL TRAINS OR BOATS. 1¾ IN LONG; 13/16 DIA. SINGLE ENDED 1/4 IN, 5/64DIA SHAFT. ORIGINALLY PART OF TAPE DECK. WITH INSTRUCTIONS TO REMOVE CASSETTE DRIVE HUB. VERY LOW CURRENT REQUIRED. UNUSED $7.95EA

DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. $3.95



MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 Hz @ 1.9 AMPS. SIZE: 7x3¾ DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, $12.95

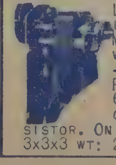
VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4½x2½; 5 LBS. $18.00

REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS. OVERALL SIZE 4½x3½x3½; WT: 2LBS. #451-1085 UNUSED $4.95

JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3½x3½x4½ WT: 4 LBS. USED $3.95

28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2¾x3 SHPG. WT: 4 LBS.
BLOWER WITH SHUNT MOTOR $3.95
BLOWER WITH PM MOTOR $6.95

12/24 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 VDC; 100 CFM, 3000 RPM @ 24 VDC. SIZE: 10x5x5 WT: 7 LBS. USED $3.95



LOW SPEED MOTOR, 230 V. 60 HZ, 10 RPM WITH GEARBOX. SHAFT ½x¼" DIA. MOTOR SIZE: 2¾x2½x4, WT: 2 LBS. USED $1.95

PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115v. WITH RESISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. .... USED 59¢

AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1½x1½; SHAFT 1/16x½. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. $4.00

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1½x1½. PRICE: REMOVED FROM EQUIP. $2.95
AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1½x1½; SHAFT ½x1/16 PRICE: NEW $2.95

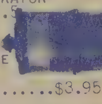
SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2½x2½; WT: 12 OZ. PRICE: NEW $2.95

SPERRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED $2.95

HUGHES RESOLVER 810229, 810228, 810227 RM$2.95
KETAY TRANSFORMER K-101300-20 RE-MOVED $2.95

23CX4	TRANSMIT.	115 V.	400 CYC	USED	$	8.95
23TX4	"	"	"	"	"	8.95
23CT4	CON/TRANS.	"	400	"	"	8.95
23RS4A	RESOLVER 90/90v		"	"	"	8.95
23CT6	TRANSFORMER 90/1v PER. DEG.		"60CY			8.95

2J1H1 SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2¼x4¼; WT: 8oz. PRICE WITH CONNECTOR CAPS...........$3.95

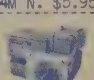


DAYSTROM TRANSCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE: 2¼x2, SHAFT SIZE: 1/16x½ WITH GEAR. REMOVED FROM NEW EQUIPMENT. PRICE: $5.00

GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE. (WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW $3.95

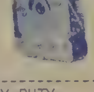
GM-4 AMMUNITION BOOSTER GEARED MOTOR MOUNTED INSIDE FRAME WITH SHAFT & SPROKETS THAT ARE 3½" DI & 3½" APART. MOTOR DESIGNED FOR 24 V. 400 CYC. 3 PHASE, BUT CAN BE OPERATED FROM 24 V. 60 CYC @ 20 RPM BY USING 4 MFD CAP. USING HIGHER CAP CAP: HIGHER CAP. WILL INCREASE SPEED AND TORQUE. STAINLESS STEEL FRAME CAN BE REMOVED EASILY. INST. FURNISHED. SIZE: 7½x2¾x5½; 10 LBS. GE#9160256-G4M N. $5.95

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115v. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3¼ WT: 5 LB. AIRSEARCH#34930 USED $3.95



LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL ¾". MOTOR 115v. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8¼x4¼ WT: 5LB AIRSEARCH#3D146-120 USED $3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1½ WT: 2 LBS. #609-ARN-7 $1.25



GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4¼x4 WT: 6 LBS. GI#4483 USED $1.95

RECEIVER-TRANSMITTER

AN/GRC-19 RECEIVER-TRANSMITTER SET WITH THE R-392 RECEIVER AND THE T-195 TRANSMITTER DESCRIBED BELOW. HOWEVER, A COMPLETE SET PRICE FOR THE R-392, T-195, MX-851 BASE, CX-1599 CABLE, BATTERY CABLE IS AVAILABLE.
USED, CHECKED RECEIVER, REPARABLE TRANS. P.U.R.*

R-392/URR RADIO RECEIVER, 500 KHZ TO 32 MHZ IN THIRTY-TWO BANDS OF 1 MHZ EACH, EXCEPT 500 KHZ TO 1 MHZ IS ½ MHZ. TYPE SIGNAL RECEIVED: CW, MCW, VOICE AND FSK. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON COUNTER TYPE INDICATOR. BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 12AU7, 26A6, 26A7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11½x14¼x11 WT: 52 LBS. SHPG. WT: 70.
PRICE: USED, P.U.R.*

T-195/GRC-19 TRANSMITTER, 1.5 TO 20 MHZ IN TEN BANDS. FREQUENCY STABILITY 0.03% PLUS 1000 HZ. MANUAL OR AUTOMATIC TUNING. TRANSMITS CW, VOICE, OR FSK. POWER OUTPUT WITH 50 OHM ANTENNA: 100 WATTS @ 1.5 TO 12 MHZ; 90 WATTS @ 12 TO 16 MHZ; 80 WATTS @ 16 TO 20 MHZ. AUDIO INPUTS MICROPHONE OR 600 OHM LINE METERS FOR PA CATHODE CURRENT, PA GRID CURRENT, BATTERY VOLTAGE AND MODULATION LEVEL. WITH 22 TUBES INCLUDING TWO 4X150D'S. POWER REQUIRED: 22-30 VDC @ 42 AMPS MAX. 9 AMPS STANDBY. SIZE: 11½x14¼x22; WT: 122 LBS. SHPG. WT: 150 LBS.
PRICE: USED, COMPLETE-REPARABLE P.U.R.*

MT-851 MTG. BASE AS USED GRC-19	60 LBS.	U.$10
CX-1599 CABLE CONN. R-392 TO T-195		WRITE
T-195 BATT. CABLE WITH PLUG.		$4.95
R-392 MANUAL (REPRODUCTION)		$10.00
T-195 "		7.50
AN/GRC-19 OPERATORS MANUAL		3.00
T-195 " "	EACH	3.00

F-237/GRC BAND PASS FILTER 54-70.9 MHZ, CONTINUOUS TUNING 250 KHZ. BANDWITH @ 3 DB, 4.5 MHZ @ 40 DB. IN-OUT 50 OHMS IMP. REDUCES CROSS TALK
SIZE: 11x11½x5; WT: 15 LBS. UNUSED $19.95

38 TO 54 MHZ RECEIVER

R-110 RECEIVER 38 TO 54 MHZ FM CONTINUOISLY TUNEABLE, VARIABL SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHZ. I.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3Q4, 2/6AK5 & OB2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 6.3 VDC 2 AMPS.
SIZE: 9x13x7½; WT: 32 LBS. USED $49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHZ. USED $29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHZ. USED $39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED $5.95

SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT.
MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434
SIZE: 33½x13½x4¼; WT: 75 LBS. USED $25.00
MT-298/U HOLDS TWO (2) R/T & TWO(2) PS.
SIZE: 37½x13½x4¼; WT: 85 LBS. USED $20.00
MT-299/U HOLDS ONE RT-65, 67, OR 68 & ONE PS
SIZE: 18½x13½x4; WT: 50 LBS. USED $25.00
MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK)
SIZE: 8½x13x3½; WT: 25 LBS. USED $20.00
MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD. CY. GSA. PP. ETC.
SIZE: 8½x13x3½; WT: 18 LBS. USED $15.00

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER-TRANSMITTER, 38 TO 54.9 MHZ RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DETENT CHANNELS OR TWO PRESET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHZ AND THE 2ND IF FIXED AT 1.4 MHZ. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24.
SIZE: 9x13x11½ WT: 42 LBS. USED $75.00

RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHZ RANGE. USED $39.50

RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHZ RANGE. REPARABLE $49.50

PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION.
SIZE: 9x13x7½ WT: 38 LBS. USED $25.00

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHZ FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHZ AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1AD4 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1½ VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9½x3x10½ WT: 9 LBS.
RT-176/PRC-10 USED $29.50

RT-174/PRC-8, SAME AS PRC-10 EXCEPT 20.0 TO 27.9 MHZ. USED-COMPLETE, NOT CHECKED, $30.

RT-209/PRC-21 FM TRANSCEIVER, SINGLE-CHANNEL, CRYSTAL-CONTROLLED BETWEEN 152-174 MHZ. POWER OUTPUT: 150 MW. REQUIRES 135 VDC, 67.5 V, 45 V, 1.5 V, AND 2/-6 VDC. USED, $39.50

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3½" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7½x3½x5; WT: 7 LBS.
PRICE: USED, CHECKED, $15.95

ACCESSORIES

BATTERY CASE CY-744/PRC.....	USED $3.00
AT-272A GOOSENECK ANTENNA BASE...	NEW $1.50
AT-272 RIBBON ANTENNA SECTION....	USED $1.50
H-33/PT HANDSET W/UG-77 PLUG, USED WITH GRC & VRC EQUIPMENT	USED $5.95
M-29/U MICROPHONE W/UG-77 PLUG	USED $3.95
CONNECTOR PLUGS F/GRC & VRC	$2.50
CX-1211 CABLE ASSY (DOGBONE) 14 COND.	$4.95

LS-166/U LOUDSPEAKER 4" HEAVY DUTY PM IN ALUM CASE, 8 OHM OUTPUT, 600 OHM INPUT, HIGH-LOW SW. & UG-77 PLUG. SIZE 5x5x3½; 5 LB "U" $8.95

PRC-6 WALKIE-TALKIE

RT-196/PRC-6 RECEIVER-TRANSMITTER F.M. 47 TO 55.4 MHZ, CRYSTAL CONTROLLED ONE PRESET CHANNEL, ABOUT 1 MILE DEPENDING ON TERRAIN AND CONDITIONS. HANDHELD UNIT HAS PUSH TO TALK SWITCH MIC., PHONE, FOLD DOWN ANTENNA, SHOULSTRAP ETC. ALSO PROVISIONS FOR USING H-33/PT HANDSET. WITH TUBES 6/5678, 3/5672, 2/5676, 3B4, POWER REQ. 1.5, 45, AND 90 VDC, USUALLY SUPPLIED BY BA-270 BATTERY (NOT AVAILABLE). SIZE: 15x5x4½; 5 LBS. USED, EXCELLENT, $25.

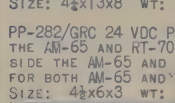
LS-166/U LOUDSPEAKER; HOUSED IN CAST ALUMINUM CASE, SPEAKER IS 4" WITH HEAVY DUTY P.M. MAGNET, MATCHING TRANS. 600 OHM INPUT, 8 OHM OUTPUT WITH HIGH-LOW SWITCHING, 6 FT. CORD WITH UG-77 CONNECTOR PLUG FOR USE WITH MOST GRC, VRC SERIES SETS.
SIZE: 5x5x3½; 5 LBS. USED $9.95

GRC/PRC BATTERY TEST

AN/PSM-13 BATTERY TEST SET; DESIGNED TO CHECK GRC AND PRC-TYPE BATTERY PACKS INCLUDING BA-270, -279, -376, -377, -386/PRC-25, -398/PRC-25, -399, AND -505. METER INDICATES BAD-GOOD (FS=1 MA). WITH ADAPTERS U-240, -241, -242, -297, -314, -315, -346 AND CANVAS CASE. SHPG. WT: 7 LBS.
PRICE: USED, EXCELLENT, $24.95

ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHZ IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1¾" SQUARE METER, PHONE JACK AND ANTENNA.
SIZE: 5x5x4½ WT: 5 LBS.
PRICE: USED $34.50

RT-70 RECEIVER-TRANSMITTER 47 TO 58.4 MHZ FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF IF MHZ AND THE 2ND IF 1.4 MHZ. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1AE4, 4/3Q4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE.
SIZE: 4¾x13x8 WT: 20 LBS. USED $25.00



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC.
SIZE: 4½x13x8 WT: 17 LBS. USED $14.95

PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 AND RT-70. THIS UNIT PLUGS INSIDE THE AM-65 AND SUPPLIES THE VOLTAGES FOR BOTH AM-65 AND RT-70.
SIZE: 4½x6x3 WT: 6 LBS. USED $5.95

COMBINATION OFFER

WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR $35.00

TECH MANUALS WITH SCHEMATICS FOR:

RT-196/PRC-6...	$7.50		
PRC-9A-10A	$7.50	AM-598.....	$3.00
RT-66,67 & 68...	$5.00	PP-109 & 112...	$5.00
RT-70.....	$5.00	AM-65.....	$5.00
R-108, 109 & 110.....			$7.50

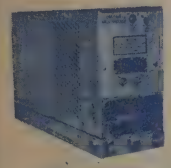
AN/VRC 13-15 OR AN/VRC 16-18, CONTAIN INFO & SCHEMATICS ON RT-66, 67, 68, R-108, 109, 110, PP-109, 112, VAR. MTG. CONTROL BOX ES. $7.50

*P.U.R. = PRICE UPON REQUEST

HIGH BAND • FM — TRANSMITTER — RECEIVERS • LOW BAND

R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.
1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT W/TUBES 2/1AD4,1/5678,1/VR31-5783 .....1ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678,1/5672,1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.
POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.
SIZE: 8½x5¾x14½; WT: 19 LBS.
PRICES: USED GOOD CONTITION.....$14.95
GOV'T RE-CONDITIONED.... 22.50

R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.
USED $14.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, L5 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24,1/3B4,2/5672 4/5678 & 3/1AD4.
VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.
SIZE: 8½x4½x14½; WT: 11 LBS. USED $18.95

CHASSIS CONNECTORS TO FIT R-394,R-257,T-416, T-278,T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L $2.50
RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L $2.50
POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 $2.50
UG-77 PLUG ON 4½ FOOT CORD.....$1.00
H-33/PT HANDSET ON 4½' CORD WITH UG-77 U 5.95

R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED $4.95
R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY
MX-1547 RECEIVER RELAY SUBASSEMBLY $4.95
1ST R.F. AMPL. W/TUBES 1/5840,2/1AD4 $3.95
LOCAL OSCILLATOR W/TUBES 2/1AD4,1/5678 $4.95
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)
2ND I.F AND DISCRIMINATOR W/ TUBES 5678 $3.95
1ST I.F 7.8 MC. W/TUBES 3/5678 & CRYST $4.95
AUDIO & SQUELCH W/TUBES 3/5678,1/5672 AND 1/6AK6 $3.95
SELECTIVE FILTER 455 KC. (NOT SHOWN) $2.95

VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE
155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "
PP-867/U 24 VOLTS DC @ 1.1 AMPS USED $4.95
PP-868/U 12 " " @ 2.0 " " 9.95
PP-869/U 6 " " @ 3.7 " " 6.95
PP-846/U 115/230 V 60 CYC 2 AMPS " 18.95
PP-804 115/230V. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.
WRITE AS TO AVAILABILTY AND PRICE
C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED $14.95

C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9½x5¾x3½; WT: 6 LBS. USED $8.95
H-33/PT HANDSET WITH CORD & UG-77 " 5.95

DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8½x7x14; WT: 27 LBS.
PRICE: USED $9.95

AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM,CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4,3/1R5,3/1L4 & 1/1U5. THE OUT PUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC.
PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED.
PP-308 IS SUPPLIED WITH TUBES 2/6AG7,1/1007 & 1/0B2.
SIZE: 13½x8½x12½; WT: SHPG. 75 LBS. ACTUAL 62
PRICE: USED, REPARABLE $49.50 CHECKED, $59.50
POWER INPUT PLUG ONLY $2.50; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD $1
MANUAL FOR AN/GRR-5 $7.50

CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.
SIZE: 17½x11½x25; WT: 33 LBS.
PRICES: USED $7.95

T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODUALTION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4,3/2E24,4/5678,2/5672 AND 2/1AD4.
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED $18.95
SIZE: 8½x4½x14½; WT: 12 LBS. UNUSED $24.95
T-278 TRANS. LESS TUBES AND CRYSTAL OVEN $6

CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC., T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.
LENGTH 7 FT. 3 LBS. $10.00

RF MONITOR

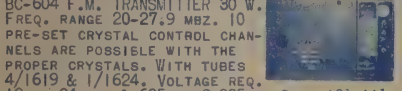
ID-642/FSA RADIO FREQUENCY MONITOR, USES DIRECTIONAL COUPLER WITH IN-21B DIODE TO MONITOR RF VOLTAGE LEVEL. DC VOLTAGE IS AMPLIFIED TO TRIGGER A 24 VDC RELAY (6.5 MA 4PST) OVER A POWER SCALE OF 25-200. UNIT WAS PROBABLY CALIBRATED INTO A STANDARD LOAD. REQUIRES HN CONNECTORS. WITH TUBES: 2/0A2, 5751, 5670 6X4. AND TJ791K01 CURRENT REGULATOR. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 11x19x10½; SHPG. WT: 20 LBS. UNUSED, W/SCHEMATIC, $12.95

TRANSMITTER RECEIVER

RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1¾" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1AB5,3/1L4,1/1S5,5/3A5,1/1LA3,1/3C4 & 2/3A4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4½ VDC.
SIZE: 11½x5½x13¾; 15 LBS. USED $24.95

CX-2341 CABLE FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON CABLE. 5 FOOT LENGTH $5. MAXIMUM LENGHT 15'

PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC 3320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2½" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15WX 9½ H X 8½ D.
SIZE: 31¾ X 20½ X 24½; WT: 150 LBS.
PRICE: RE-NEW $100.00



BC-604 F.M. TRANSMITTER 30 W. FREQ. RANGE 20-27.9 MBZ. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC & 625VDC @ 225MA, SIZE: 18½x11½x10¾; 60 LBS. PRICE: UNUSED W/SPARE TUBES $25

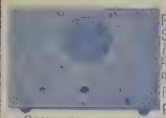
GLIDE PATH RECEIVERS, 26 VDC, USED.
R-89/ARN-5, 335 MHZ, $9.95
R-430/ARN-5C, 335 MHZ, $12.95
R-122/ARN-12, FIXED-75 MHZ, $9.95
R-322/ARN-18, 329.3-335 MHZ, REQUIRES CONTROL BOX, 115 V 400 HZ, $24.95
R-445/ARN-30, 108-135 MHZ, REQUIRES CONTROL BOX F/CONT. TUNE, $19.95

AN/ARR-46 TRANSISTORIZED FM RECEIVER, 24.0-51.9 MHZ DIGITALLY TUNED IN 100 KHZ STEPS, 26 VDC, $75.00

BENDIX TA-18BB TRANSMITTER, 118-135.9 MHZ AM, TWO 829B'S, 26 V. 17 AMPS, REQUIRES CONTROL BOX, USED, $59.50

TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS. RINGING. POWER REQ; 115V 60HZ.W/2EA.12AU7,12AX7,6AL5,6X4
SIZE: 11x7½x10½; 18 LBS. TA-182 USED $25.00

AN/TRC-34 RADIO SET 152 TO 172 MHZ, FM 50 WATT OUTPUT, DUAL FREQ. SELECTION ON ANY TWO PRESET CRYSTAL CONT. FREQ., TWO WAY COMMUNICATION OR RADIO RELAY USE.
THE SET CONSISTS OF T-416 TRANSMITT. THAT IS THE SAME AS T-278 EXCEPT IT USES A 5894 TUBE IN THE FINAL, R-394 REC., C-844 RELAY CONTROL BOX, PP-804 & PP-846 115/230 V 60 CYC POWER SUPPLIES AND CY-1221 CABINET, THAT HAS THE CONTROLS FOR LOCAL USE.
SIZE: 21½x17x20½; WT: 150 LBS. PRICE: USED $100.00



RECEIEVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
R-23/ARC-5 BC-453 BC-342
R-24/ARC-5 BC-454 BC-344
R-25/ARC-5 BC-455 BC-348
R-26/ARC-5 BC-946 BC-423
R-27/ARC-5 R-108,109,110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9½x6½x5 WT: 10 LB
PRICES: KIT OF PARTS $20.00 WIRED $23.00

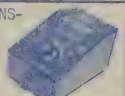
BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT $20.00; WIRED $23.95

BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT:5LBS.
PRICES: KIT OF PARTS $15.00 WIRED $20.00

PE-110 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20x9x12; 75 LBS. USED REPARABLE $25

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 RH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3½" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11½x20; WT: 150 LBS. USED $29.95

GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3½x5x3 WT: 6 LBS. GILBERT #22034 USED, $3.95

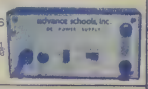


FGC-29/1660 POWER SUPPLY INPUT 115/230 VOLT 50/60 HZ OUTPUT: 225 VDC 100 MA. 6.3 VCT 4A. 6.3 V 1.5 A. INCL. FIL. 2/2021 TUBES 11½x5½x4½; 23 LBS. REM $15

FGC-29/1640 POER SUPPLY: INPUT, 115/230 V. 50/60 HZ. OUTPUT, 40 VDC 30MA OR 35VDC 40MA 6.3V 1.4A INCL. FILAMENT 6x4. 5¾x3¾x4½; 8 LBS. REMOVED $10

TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA. SIZE: 5x4x5; 15 LBS. 5820-805-3930 NEW $22.95

ASI DC POWER SUPPLY, PROVIDES 4.5, 6, 9, OR 12 VDC 150 MA. REQUIRES 115 VAC 60 HZ. 5½x2½x1¾; SHPG. WT: 3 LBS. $8.95



VERY HIGH VOLTAGE

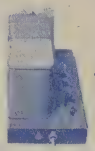
DC POWER SUPPLY WITH 107-125 VAC 60 HZ PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 KV. @ 140 TO 300 U-A. ONE OUTPUT: -5.1 TO 5.3 KV. @ 100 TO 270 U-A. SIZE: 12½x2½x4½ WT: 10 LBS. GE#9T63Y2029G6, USED, $10.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12 VOLT D.C. 2 AMPS. SIZE: APPROX. 5x10x2; WT: 10 LBS STK.# 12VDC2A.
PRICES: COMPLETE WIRED $14.95
KIT OF PARTS 10.00

OUTPUT 24 VOLT D.C. 2 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 24VDC2A.
PRICES: COMPLETE WIRED $19.95
KIT OF PARTS $14.00



OUTPUT 12 VOLT D.C. 4 AMPS. APPROX. SIZE 5x10x2; WT: 12 LB. STK.# 12VDC4A.
PRICES: COMPLETE WIRED $18.95
KIT OF PARTS 13.00

OUTPUT 24 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 14 LB STK# 24VDC4A
PRICES: COMPLETE WIRED $22.95
KIT OF PARTS 18.00

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19½x7½x10½ WT: 45 LBS. $19.95

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATO (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7½x7½x7½; WT: 12LBS. $4.95

HAND CRANK GENERATOR AS USED IN GIESON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 VD @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPRX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/CRT-3 RE-MOVED $10.00

RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW $12.95
SIZE: 14½x7½x8; 45 LBS. PRICE: USED $16.95

SCOPE POWER SUPPLY

HFE CRT POWER SUPPLY; HAS 6.5 KV LOW CURRENT OUTPUT WHEN USED WITH 10 VDC 1.75 AMPS DC-TO-DC INPUT CONVERTER. WILL PRODUCE 7.5 KV FROM 12 VDC INPUT. OTHER LOW CURRENT OUTPUTS OF -2500 AND -1500 VDC. TRANSISTORIZED WITH COVER AND CONNECTORS. 11x6x5½, 10 LBS. USED, EXC., $15.95

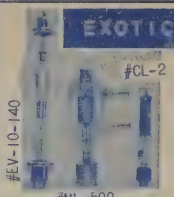
HFE LOW VOLTAGE POWER SUPPLY; OUTPUT: 10 VDC 1.75 AMPS, ADJUSTABLE -1 V. INPUT: 115 VAC 60 HZ. TRANSISTORIZED WITH FUSE AND CONNECTOR. 10½x6½x4; 12 LBS. REMOVED F/EQUIP., $7.95

HFE CRT AND LV POWER SUPPLIES AS SET, $20.00

BREAKER 12.5 VDC 2.5 AMP POWER SUPPLY; 4 AMP SURGE, 4 AMP CIRCUIT BREAKER. 4-5/8x2½x6½; SHPG. WT: 6 LBS. #13-110, NEW, $20.

MULTIVOLTAGE POWER SUPPLY; HAS REGULATED OUTPUTS: +12 VDC 500 MA, -12 VDC 500 MA, AND 24 VDC 1 AMP. ALSO 7 VDC 10 AMP UNREGULATED, INTERMITTENT. REG. VOLTAGES ADJUSTABLE OVER SMALL RANGE. INPUT: 115 VAC 60 HZ; 9x5x6, 13 LBS. #LR32605, $25.

EXOTIC X-RAY TUBES



OBSOLETE, BUT UNUSUAL VACUUM TUBES FOR THE EXPERIMENTER OR COLLECTOR. APPEAR TO BE UNUSED OR LITTLE USED, BUT NOT GUARANTEED OPERATIONAL. NO FURTHER DATA AVAIL. EUREKA #EV-10-140; VALVE RECTIFIER TUBE, 140 KVP 30 MA MAX. FROM 12.5 V 12 AMP FILAMENT. CHROME BASE AND TOP. 22¾"LX4¾" DIA. 6 LBS. $15.00
MATCHLETT #ML-500, 15½"LX5" DIA. 6 LBS., $12.
WESTINGHOUSE CL-2 TUBE WITHIN-A-TUBE, 90 WATT 5.5 AMPS. 12½"LX2" DIA., 4 LBS SH., $7.50

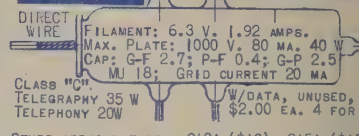
MAGNETRONS

MAGNETRON TUBES LESS EXTERNAL MAGNETICS. USED, $30 EA. SPECIFY:
2J26 (2992-3019 MHz); 2J28 (2939-2965 MHz);
2J29 (2914-2939 MHz); 2J39 (3267-3333 MHz);
2J61 (2992-3100 MHz); 2J62 (2914-3019 MHz);
725A (USED IN APS-4 RADAR).

POWER AMPLIFIER TUBES IN USED AND/OR UNUSED CONDITION. 4X150'S, 4CX250'S, ETC. WRITE

500 MHZ

TRANSMITTING TUBE 8012-A TRIODE

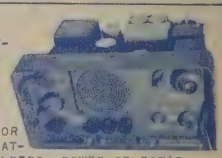


OTHER SPECIAL TUBES: 213A ($10); 215A ($15); 218 ($20); 701A ($5); 705A ($5); 706A ($30).

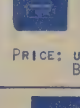
BALLASTS

BALLAST TUBES AND THERMAL RELAYS, $1.50 EACH.
1TF10 3-14B 3-16 4-25
6-4 6A15 7H-4B 9H4 10T1 TJ801K1

3HF14 BALLAST TUBE, REPLACES 3TF7 USED IN R-389,-390,-390A,-391 RECEIVERS. UNUSED, $4.
MANY OTHERS AVAILABLE. WRITE US YOUR NEEDS.



PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115v. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 0B2. SIZE: 5½x8x12 WT: 30 LBS.
PRICE: UNUSED, $24.95; USED, $14.95



PE-157 POWER SUPPLY; HAND CARRING TYPE WITH LEATHER HANDLE. HAS COMPARTMENT FOR INSTALLING BB-54 2 VOLT WET CELL WHICH IS POWER SOURCE FOR OPERATING THE VIBRATOR SUPPLY THAT HAS A OUTPUT OF 1.5 VDC @ .490 AMPS. AND 135 VDC @ 50 MA. (APPROX. V/A) ALSO HAS SPACE FOR MTG. 4" SPEAKER. SIZE: 6½x12x6; WT: 19 LBS.
PRICE: USED LESS SPEAKER & BATTERY $14.95
BB-54 BATTERY 2 VOLT NEW $ 2.95

REGULATED 48V 5A

REGULATED SOLID STATE POWER SUPPLY; OUTPUT: 48v. 5 AMPS. INPUT: 115 VAC 60 Hz. TRANSISTOR DEVICES MODEL SPS 828. SIZE: 16½x8½x3½, SHPG. WT: 25 LBS PRICE: UNUSED, $45.00

AUTO-RACE PACK BY VARNEY TWO 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5½ FT. LINE CORD. 5x3¾x2½ WT: 3 LBS. $2.95

CATHODE RAY TUBES SPECIAL TUBES STANDARD

MANY OTHER TUBES IN STOCK. NO COMPLETE LIST AVAILABLE WRITE AND TELL US WHAT YOU ARE LOOKING FOR & QUANTITY SPECIFY 1st & 2nd CHOICE AS TO USED-PO & NEW-BX-UNUSED

902	$20.00	5NP1	15.00
3BP1	15.00	5BP1	25.00
3CP1	5.00	5FP25	15.00
3DP1	5.00	5BFP7	25.00
3E33P7	20.00	5CP1	10.00
3FP7	3.50	5CP7	15.00
3GP1	9.50	5CP12	12.00
3HP7	3.00	5FP7	12.00
3JP1	12.00	5FP14	10.00
3JP2	12.00	5FP25	10.00
3JP12	12.00	5HP1	12.00
3RP1	25.00	5JP1	12.00
7BP7	12.00	5BDP7	25.00
7CP1	10.00	12FP7	15.00

16STR4A	16"	10.00
Z4516P11	16"	10.00
19DXPSCI	19"	25.00
21AWP4	21" TV/BW	5.00
Z4535P2/GE774251 3P1		
ROUND FLAT FACE 7"		5.00

TUBE SHIELD & 11-PIN SOCKET FOR 3BP1-TYPE TUBE, $5.50
SHIELD ONLY $4/SOCKET $2.50

TUBE SHIELD FOR 5CP1 TUBE, 5½" FACE-2¾" NECK-14" LG $5.
SOCKET 5CP1 $3; 5BP1, $2.50

USED CHECKED PULL-OUTS
$1.00EA $1.50 $3.00

5651	5654	6080
5687		6360
5751	6099	3B24
6004	6112	
5814	2D21	6032
6005	6201	IMAGE
6096	2E24	TUBE
6211	5763	NEW $10.
2050	6159	

954NEW1.50
954 $.75
955 1.50
955NEW2.50
956 1.50
956NEW2.50
958 1.50
958NEW2.50
991 1.00
1AE4 $1.50
801 1.00
807 2.50
5933 3.50
808 1.50

814 $5.00
832A 9.00
838 3.50

3A4	1.50
3A5	1.50
3B4	1.50
3B7/1291	.75
3D6/1299	1.75
3S4	1.50
1616	1.00
1619	1.00
1624	1.00
1625	1.00
1625NEW	1.75
1626	1.00
1626NEW	1.50
1629	1.50
5672 SL	.75
5676 SL	.75
5678 SL	.75
5840 SL	.75

PRICES: USED/PULL-OUTS $1
NEW BOXED/UNUSED $1.75

OA2 OA3 OB2 OB3/VR90 OC3/
VR105 OD3/VR150 OZ4
1D21 1G3 1J6 1V2 1X2
1A3 1A5GT 1A6G 1AB5
1AD4 1B5 1C6 1C7G 1D5
1E7G 1F4G 1F5G 1G6GT
1H5GT 1H6G 1J3 1J5G 1G6G
1K3 1L4 1LC6 1LH4 1LN5
1N5GT 1N6G 1P5GT 1R4 1R5
1S4 1S5 1T4 1T5GT 1U4 1U6

6A6 6AB4 6AB7 6AC5
6AC7 6AC10 6AF5 6AG9 6AF11
6AG5 6AG7 6AF6 6AH4 6AH6
6AG9 6AG11 6AJ5 6AK4 6AK8
6AK6 6AL3 6AL5 6AL7 6AL11
6AM8 6AN5 6AQ5 6AD7
6AN8 6AQ6 6AQ8 6AR5 6AR6
6AS6 6AS7 6AT8 6AU4
6AU6 6AU8 6AV5 6AV6 6AW8
6AX4 6AX5 6AX8 6AY3 6B8G
6B10 6B4 6BA6 6BA8 6BA11
6BC5 6BC8 6BE3 6BF5 6BF6
6BF7 6BG6 6BJ3 6BK4
6BK5 6BK7 6BL7 6BL8 6BN6
6BN11 6BN4 6BQ6 6BQ7
6BU8 6BX7 6BY5 6BZ6
6BZ7 6C4 6C5 6C7 6C8
6CB5 6CB6 6CD6 6CE3 6CF6
6CG3 6CG5 6CG7 6CG8 6CJ3
6CL3 6CM6 6CM7 6CN7 6CQ4
6CQ8 6CS6 6CS7 6CU6 6CU8

6D4 6DA4 6DB5 6DE4
6DE6 6DE7 6DJ6 6DK6 6DM4
6DN6 6DQ5 6DQ6 6DR7 6DT5
6DT6 6DW4 6DX8 6EA4
6EA8 6EJ4 6EM5 6EM7
6ER5 6ES5 6EU8 6EV5 6EW6
6EW7 6EY6 6EZ5 6F6G
6E6 6F5 6F8
6EJ7 6FA7 6FD7
6FE5 6FG7 6FH5 6FJ7
6FM7 6FM8 6FQ5 6FQ7 6FS5
6FV8 6FW5 6FY5 6FY7 6FV6
6G6G 6GB5 6GC5 6GE5 6GF5

PRICES: USED/PULL-OUTS $1
NEW BOXED/UNUSED $1.75

6GH8 6GJ5 6GJ7 6GK5 6GU7
6GV5 6GX7 6GY5 6GY6 6H6
6HB5 6HB6 6HB7 6HE5
6HG8 6HJ8 6HK5 6HL8 6HF5
6HS5 6HS8
6J4 6J5 6J6 6JC6
6JC8 6JD6 6JH6 6JK8
6JM6 6JN6 6JN8 6JS6 6JU8
6K5 6K6G 6K7 6KA8
6KN6 6KS6
6KT8 6KU8 6KZ8
6L5 6L6 6L7 6LB8 6LC8
6LF8 6LJ8 6LN8
6LQ8 6LT8 6LY8 6MD8
6MG8 6N4 6N7 6P7
6R7 6S4 6SA7 6SD7 6SG7
6SH7 6SJ7 6SK7 6SL7 6SN7
6SQ7 6SR7 6SF7 6ST7 6SU7
6SV7 6SF5 6SR4 6AS5 6T4
6T8 6U6 6U8 6U10 6V3
6V6G 6W4 6W5 6W6
6X5 6X8 6Y3 6Y5 6Y6
6Y9 6Z4 6Z5 6Z7

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6K8G UNUSED $2.50 EACH.

OLD TUBES
GENERALLY AVAILABLE USED CHECKED. $2.00 EACH. UNUSED /BOXED $3.00 EACH. SPECIFY ALTERNATES PLEASE.
10Y 27 30SPEC 32 33
38 39/44 41 45
45SPEC 46 55
58 69 71 76 77 78 79
81 82 84 85 89 89Y 1V EF50

UNUSED/BOXED 80 $3.00

PRICE: USED PULL/OUTS $2.00
UNUSED/BOXED $3.00
7A5 7A7 7A8 7B6 7B5
7B8 7C4 7C5 7C7 7E6
7E7 7G7 7G8 7H4 7K7
7L7 7Q7 7N7 7Y4 7Z4
7AD7 7HG8 7AU7

USED $2.00 NEW/UNUSED $3.00
9001 9002 9003 9004 9006

PRICES: USED/PULL-OUTS $1.00
UNUSED/NEW BOXED $1.75
12A5 12A6 12A8 12AB5 12AE6
12AF3 12AH7 12AL5 12AL8
12AQ5 12AT6 12AT7 12AU6
12AU7 12AV5 12AV6 12AV7
12AW6 12AX3 12AX4 12AX7
12AY7 12AZ7 12B4 12BA6
12BA7 12BD6 12BE3 12BE6
12BH7 12BK5 12BL6 12BN6
12BY7 12BZ7
12C8 12CA5 12CN5 12CR6
12CU5 12CX6 12DB5
12DT5 12DT7 12DT8 12DU7
12DV8 12DW8 12DY8 12DZ6
12EA6 12EG6 12EK6 12H6
12J5 12J7 12K5 12K7 12K8
12L6 12Q7 12S8 12SA7
12SC7 12SF5 12SF7 12SG7
12SH7 12SJ7 12SK7 12SL7
12SN7 12SR7 12SW7
12SX7 12U7 12W6 12X3 12X4
12Z8 12SY7

PRICE: USED PULL-OUTS $2.00
UNUSED/BOXED $3.00
14A4 14A5 14A7 14B6 14B8
14E6 14F7 14F8 14H7 14N7
14C7 14S7 14W7 14X7 14Y4
26A6 26A7 26C6 26D6
28D7 14C5 14C7

SPECIFY FIRST/SECOND CHOICE
USED P/O $1.00 UNUSED $2.00
5R4 5T4 5T8 5U4 5U8 6V3
5V4 5W4 5Y3 5Z3 5AR4 5AW4
5AS4 5AZ4

USED P/O $1.00. UNUSED $1.75
25A6 25A7 25B6 25L6 25W4
25Z5 25Z6 25BQ6
35B5 35C5 35L6 35Z3/5 35W4
45Z3/5 50A5 50B5 50C5 50C6
50L6 50Y6 70L7 117Z3/5

USED CHECKED
6D6 2.00 2A3 2.00
927 2.00
5A6 2.00 991 NEW $1.50

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Please allow for shipping charges. Items over 50 lbs. shipped via truck-freight collect. Consult your local motor freight office.

IMPORTANT. Any correspondence not connected directly with this order should be placed on a separate sheet. This will speed handling of both order and letter.

CAT. WS-78

HOW SHALL WE SHIP

- ☐ PARCEL POST
- ☐ BUS
- ☐ FREIGHT
- ☐ AIR
- ☐ BEST WAY
- ☐ UPS

Include sufficient money for postage. We refund unused amounts. Please send cash by registered mail only. FILL IN AMOUNT ENCLOSED

Money Order		
Cash		
Check		
Credit Memo		

PLEASE DO NOT USE THIS SPACE

CREDIT CARD NAME

☐ VISA/BANKAMERICARD
☐ master charge

NUMBERS ON CREDIT CARD

LETTERS AND EXPIRATION DATE-BANK NAME

TOTAL FOR GOODS			
STATE TAX (Ohio)			
For Postage and Insurance			
Due from Previous Order			
TOTAL			

MINIMUM ORDER $5.00

RELAYS

POTTER & BRUMFIELD 24 VDC LATCHING RELAY, 5 A CONTACT TWO INTERLOCKING 3PDT RELAYS CAN BE USED AS 6PDT. #PB-2-3PDT, USED, $3.95

6PDT 26 V RELAY, 2 AMP 200 OHM, #0823, UNUSED, $1.50

6PDT 48 V RELAY, 2 AMP 3700 OHM, #MHX-6083, USED, $1.00

MHX-2032 26.5 VDC 2PDT 325 OHM 2 A. 1⅛x5/8 $.75

5945-583-8378 26.5 VDC 1⅛x1 6PDT 225 OHM PLUG-IN N$1.50

AGASTAT TIME DELAY SF-22HS, DPDT 28 VDC COIL, 0.3 SEC. ADJUSTABLE. SIZE 2x3⅛x2 PRICE: NEW $3.95

WESTERN ELECTRIC POLAR RELAY D163119A (255A) SIZE: 6x2⅝x2⅝ WT. 4 LBS. PRICE: $2.50

115 VAC SPDT OCTAL BASE KR-5736 $1.95

115 VAC DPDT OCTAL BASE KR-5737 $2.50

4PDT 120 VAC, 3 AMP CONTACTS; 28 VDC 3 A RES. PLUG-IN SOLDER. ⅜x1x1⅛, #KH4695, $1.50

4PDT 24 VDC, 120 VAC 3 A 24 VDC 3 A RES. CONTACTS. PLUG-IN SOLDER TYPE. ⅜x1x1⅛, #KH-4703, $1.75 EA.

PLATE RELAYS

CLARE#	OHMS	REG. OPEN CLOSED	OPERATE	RELEASE
		----CONTACTS----	----CURRENT----	
A-102627	3500	4PDT 2PST	11 MA	3 MA
A-211261	5000	SPDT 4PST 2PST	12 MA	4 MA
C-211261	6000	SPDT 4PST 2PST	10 MA	5 MA

ALL ABOVE RELAYS SAME SIZE 1x1⅜x1½ $1.00 EA.

PLATE RELAY COIL 5000 OHM 10% OPR 2.8 MADC DPDT CNTT 2A 28VDC/115VAC, 9 PIN PLUG-IN #93179 $2.50

LEACH RELAY NO. 9059, 5 AMP. TPDT NORMALLY OPEN, 24-28 VDC. SIZE; 5x2x2½; WT: 4 OZ. $.75

COLLINS RELAY 4050D17-00 115 AC 320 OHM 3PST 2x2x2 5945-502-9095 NEW $3.00

ASCO VALVE, AIR ORFICE/PIPE 3/8" 120V 60HZ 6 WATTS. #6030B10 NEW $5.00

MINITURE RELAY 24VDC 180OHM DPDT, 7/8x3/8x3/8, GE3SV125 9A2; 5945-739-2162 $2.00

MINITURE PLUG-IN, 28VDC, 60C OHM, DPDT 2 AMP, FILTORS 106C 6555-1; #5945-987-8401 $3.00

OCTAL PLUG-IN IN PLASTIC CASE; 24 VDC COIL, DPDT 10 AMP CONTACTS. 2x1-3/8x1-3/8 REM F/EQUIP. $2.00 EA 3/$5

SENSTIVE RELAY, 6 VDC, ONE POLE MAKE AND BREAK. 600 OHMS. 2⅜x2⅜x1⅜. #ZA/CAN1304 PRICE: $1.00

SENSITIVE RELAY BX-14 DPST 1 NORM. OPEN 1 NORM CLOSED 48 VDC 1 A. OPERATING VOLTAGE 2.9 V 750 OHMS D.C 2⅜x2⅜x1⅜; 2Z7588-23 $.75

TYPE AS BK35, SPDT 6-12 VDC 1500 OHMS, CONTACT ADJUST. 2⅝x2⅝x2⅝. #RM39-1901 $.75

SMALL RADIOSONDE RELAYS 6V 400 OR 500 OHM SPDT ⅜SW $1

MERCURY RELAY, DURA KOOL #BEV-106, COIL 24 VDC .1 A. CONTAC 120 D.C 6 A. NORMAL OPEN, 1.3 SEC. OPERATE. SECONDS RELEASE, MTG. SIZE 4⅜x2⅜ S.P.S.T. PRICE: $1.95

HEDIN RELAY #100-BH S.P.D.T. 5 AMP. CONT. 4 OHM COIL. $1.50

RELAY, OCTAL PLUG IN TYPE, 115 VOLT 60 CYCLE, D.P.D.T 20 AMP. CONTACTS. 1⅞x1⅜x2½ #BOHRX-20 $2.95

AN-ART-13 RELAY K-2701 DPDT; 12 AMP 28 VDC COIL. 115 OHMS RES. 3x2x1⅜ 4oz. PRICE: USED $1.95

TCS RELAY SAME STYLE AS ABOVE USED IN POWER SUPPLY 12 VOLT D.C RES. 67 OHMS. DPDT- SPST NORM OPEN. LEACH #1077 RE-MOVED $2.00

DYNAMOTOR STARTING SELENOID TYPE RELAY 12 V DC OPER. 20 AMP DC CONTACTS. SIZE; 3x2x2; 1 LB FRANZ-12 USED $1

ROWAN CONTACTOR, TWO POLE CONTACTS RATED 15 A 250 VAC, 10/15 A 100/50 VDC. COIL VOLTAGE 100/115 VDC. 3-3/8x2⅜x2⅜. ROWAN #FE20, USED, $2.

RELAY 1PDT & 1PST, CONT. 28VDC 1A. MAX. PICK UP .9MA, DROP-OUT. 1MA. 16000 OHMS OCTAL BASE. SIG#80110 $2.95

SPDT, SINGLE BREAK, 28 VDC 1 A. CONT. 800 OHMS DC COIL, 3MA PICK-UP, 1.5 MA HOLD, .75MA. MIN. OCTAL BAS SIG#77912 $2.95

ADVANCE SEALED RELAY 3 STUD MOUNTING, SOLDER TERMINALS. SIZE: 1⅜x2x1⅜; 2 OZ. PT#420-68-0211; 4PDT, 26.5 VDC, RES. 325 OHMS, 2 AMP. CONT. $1.50

PT#8797-1 26.5 VDC, 2 AMP. CONT. 200 OHMS, 3PST NORM. CLOSE, 1PST NORM. OPEN $1.50

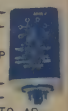
PT#420-68-5530; 26.5 VDC, 2 AMP. CONT 425 OHMS, 3PDT SPEC. #B8768-1 $1.25

OVERLOAD RELAY SC-1 .175-.700 DCA #818-1 .5-2 A. AC/DC #6943A CHOICE SPECIFY $5 A.C. VOLTAGE ADJUST. 55-120 60 CYC. WEST. SV-1878204 $2.95

#76-4; 28 VDC ROTARY RELAY, 2-DECK. TWO SPDT AND ONE BREAK THREE. USED, $2.00 EA.

#76-3; 28 VDC ROTARY RELAY, 3PST NORMALLY CLOSED. USED, $1.50 EA.

#78RR; 28 VDC ROTARY RELAY COIL ONLY. VARIOUS NUMBERS, BUT WITHOUT SWITCH OR WITH BROKEN SWITCH WAFERS. USED, $1.00 EACH.



SOLID-STATE TIME DELAY RELAY; 2 SEC DELAY, 115 VDC INPUT. CONTACTS RATED 5 AMP SPDT. USES 2N2646 UNIJUNCTION TRANSISTOR. CIRCUIT COMPONENTS CAN BE VARIED TO ADJUST DELAY. OCTAL PLUG-IN. #SSD-7574, $3.95 EA.

DPDT CERAMIC RELAY, 15 AMP CONTACTS, 115 V 60 HZ COIL. 1¾x2½x1½; 1 LB LEACH #1177, UNUSED, $5.00

DPDT CERAMIC RELAY WITH SPST NORMALLY OPEN 10 A 115 V CONTACTS, 24 VDC 280 COIL. 2¾x1¾x1⅜; ADV#D-0041, $4.50

ROWAN CONTACTORS COIL 110V 50/60HZ FULL LOAD RUNNING CURRENT 10 AMP. LOCKED ROTOR CURRENT 60 AMP. 600 V. MAX.

532934 3 POLE USED $4.95
532935 4 POLE USED $5.95

CATALOG STOCK No.	Page No.	Quantity	DESCRIPTION	Price Each	Total Price Add This Column	Do Not Use
				TOTAL FOR GOODS		

ROTARY SELENOID RELAY 4 WAFER 4 POLE 5 POSITI 48 VDC 3½x1½x1¼. 5945-710-4536 $4.

POTTER & BRUMFIELD AC RELAYS, OPEN FRAME, STYLE KA. 3PDT 5 A CONTACTS MOUNTED IN METAL CASE. 2¾x1-3/8x1-3/8.
#5323 24 V 50-60 Hz, $2.00
#5324 115 V 50-60 Hz, $2.00

OPEN FRAME, SPDT 5.5-7.5 VAC COIL; CONTACTS RATED 5 A 115 VAC. 1¾x1x1-3/8
#5945-233-1398, $1.25

ALLIED CONTROL T255X-18, COIL 115 VAC 2580 OHMS. GOLD-PLATED DPDT CONTACTS RATED 5 A 29 VDC. ¾x-7/8 x1-3/8. UNUSED, $3.00 EA.

4PDT RELAYS, 110 VDC, HEAVY CONTACTS. 2x2x1¾.
#DOX187T, 5000Ω COIL, $2.00
#DOX137T, 230Ω COIL, $1.50

115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1¾x1¾x2¼. ALLIED LAC-3A
#5945-225-8616 NEW $4.95

SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OR PLUG-IN. SORRY NO CHOICE.

1PDT	CWS571981	USED	.35
1PDT	#5703-34	"	.40
2PDT	#5709-7H	"	.45
3PDT	#56467	"	.50
4PDT	#54428	"	.55
6PST	#56469	"	.60

SIGMA DC RELAYS; OPEN-FRAME, 2 AMP CONTACTS, 1¾x2¼x1½ REMOVED F/EQUIP.
#4IF500S-SIL, 6 VDC, $1.00
#4IF1000S-SIL 12 VDC, $1.50

BK-27A TELETYPE RELAY USED W/BD-100 SWITCHBORD UNIT HAS 2 RELAYS W/DUAL COILS 150 OHMS EACH W/IDIA CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL. NEW SIZE: 6x4x3½: 4 LB. $3.95

FIVE ASSORTED RELAYS $1.00

SUCH AS SEALED, OPEN FRAME, TELEPHONE ETC. MAY BE 6, 12 24 OR 48 VOLTS. $1.00

DIMMER CONTROL TYPE A-4 667498 150 OHM 50 WATT 2¾ MTG. HOLES, W/KNOB 2 LBS. $2.50
MATCHING PLUG $1

#BYLZ-2504; DUAL 70 /80, COOL-HEAT SCALE, $2.95
#BYLZ-2292; DUAL 300 OHMS, 40-80 SCALE, $2.95

WESTON SENSITROL RELAYS MODELS 723 AND 705; 3½" ROUND. USED $4.95 EACH
SPECIFY:

RANGE	MODEL
80% TO 120% VOLTS DC	723
90% TO 110% VDC	723
95% TO 105% VDC	723
110% TO 100% VOLTS AC	705
100% TO 90% VAC	705
.9 TO 1.1 MILLIAMPS	723

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)

50-200 PIV $	.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)

200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

1N1347 6 AMP. 500 PVI (GOLD) 1.50

35 AMP (STUD)

50 V	$1.50
100 V	$1.75
200 V	$2.10
300 V	$2.40
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

RHEOSTATS

RHEOSTAT VALUES: FIRST SET OF NUMBERS AFTER RHEO-PREFIX IS THE WATTAGE. YOU INDICATE DESIRED OHMS IN SECOND SET. SCD= SCREWDRIVER ADJUST.

#RHEO-25W-(OHMS), $1.00 EA

1	2	5	6	7
10	12	15	25	35
50	55	60	75	100
125	130	165	175	200
250	300	350	400	500
600	1K	1500	2500	3500
5K	20K	35K		

#RHEO-50W-(OHMS), $1.50 EA

1	1.5	2	5	6
8	8.5	10	12	15
16	17	17.5	20	25
30	35	40	45	50
60	75	80	90	100
124	150	200	220	225
350	500	1K	7K	

#RHEO-75W-(OHMS), $2.00 EA
10 15 25 75
(30-DUAL, $3.00)

#RHEO-100W-(OHMS), $2.50 EA
3 5 6 7.5
20 100 350 1500
3K 3500-SCD

#RHEO-150W-(OHMS), $3.00 EA
2 3 4 5 10 15
16 35 40 410 500-SCD
2500 750 600 25

#RHEO-300W-(OHMS), $6.00 EA
2 32 50 500
1500 (13.2-DUAL, $9.00)

#RHEO-500W-(OHMS), $10 EA.
2 80 (72.7-DUAL, $15)

#RHEO-750W-(OHMS), $15 EA.
5 720

OTHER VALUES AVAIL. WRITE.

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICTOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-IC UNUSED $2.95

HIGH CURRENT RECTIFIERS, SOLDER PIGTAIL-TYPE (PIGTAIL AND HARDWARE NOT AVAILABLE). CONSERVATIVELY RATED. NEW.
#50-100A; 50 V 100 AMPS, 5/8x3/8" DIA. THREADS, 1x2 OVERALL, $2.00
#50-200; 50 V 200 AMPS, ¾x 11/16" DIA. THREADS, 1½x3 OVERALL, $3.50

CRYSTALS

465 KC CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. $1.50

200 KC CRYSTAL IN OCTAL TYPE TUBE HOLDER $3.50

CRYSTALS: FT-241-243 21-39 Mc. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR $1.00

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE.
MOTOROLA #25181001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. $1.95
MOTOROLA #25181003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS $2.50

CRYSTAL DIODES 1N-21 1N-32 $1.00 EACH 6 FOR $5.00

FREQUENCY METER CRYSTALS 1000 KC. OCTAL PLUG-IN FOR LM/BC-221/TS-323. WIRING TO SOCKET MAY HAVE TO BE CHANGED. REMOVED $12

CIRCUIT BREAKER

AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC

STK#	AMPS.	PRICE
8751K4	10 "	.50
AN-3160	15	.75
AN-3160	20	.75

AIRCRAFT PUSH BUTTON TYPE 24 TO 30 VDC

AN-3161	5	.75
AN-3161	10	.75
AN-3161	15	.75
PM-40	40	.75
AN-3161	50	.75

HEINEMAN MODEL AM12HK CIRCUIT BREAKERS, 2¼x¾x2¼.
12 VDC 4 AMPS, $1.25
50 VDC 3 AMPS, 1.25
50 VDC 5 AMPS, 1.35
50 VDC 40 AMPS, 1.50
115 VAC 60 Hz, 1.5 A, 1.00

#AM12RSK, 115 V 20 A, 1.00

HEINEMAN #JA2-A8-A, 240 VAC HOLD 17 A, TRIP 21½ A, $2.

115 VAC 60 Hz; 3¾x1x2¾.
#3H900-1.25, 1¼ AMP, $1.00
#3H900-3-2, 3 AMPS, 1.00
#3H900-4-5, DPST, 4 AMPS; 5¼x3½x2, USED, $1.95.

SQUARE "D" CIRCUIT BREAKER TYPE MO-4 "PLUG-IN" OR CAN BE MODIFIED FOR DIECT WIRING. FOUR (4) 20 A. CIRCUITS 115 VOLT 60 CYCLE SIZE: 4¾x2x2¼; WT: 8 OZ. CAT# M0482222 PRICE: $1.95

BOOKS & TECH MANUALS

$3.00 EACH
BC-191
BC-375
PP-867,-868 -869
PP-281,-282 -494
PP-846

$5.00 EACH
BC-312,-342
BC-603,-604
BC-652,-653
BC-683,-684
BC-659
BC-1000
BC-1335
PP-804
PP-109,-112
PRS-3
I-49
I-72G-K
I-129B
I-208
BC-221-AH ONLY
HALLICRAFTERS S-20R
SX-28
S36

$7.50 EACH
BC-669/ REPRO
PP-638
T-14/R-19
TS-175 REPRO
TS-352 REPRO

BC-779,-1004 REPRO, $10.
TCS-12 REPRO, $12.00

BC-624, -625; PART OF SCR-522/542, REPRO, $12.00

EE-94 & 95 CONTAINS TG-34
RD-60-VD-3-BD-114 ETC $7.50

FGC-20 & 21 CONTAINS TT-98 TT-99-TT-100 & PP-978 $10

MOTOROLA FST-250, FMR-13, FMT-25A, P-8028, FMT-30 $7.50

AN/GRC 10,39,40 COVERS REC. R-125, T-235, C-632 ETC $8.50

SP-600-JX	REPRO/W.S.	$10
R-388 (51J4)	REPRO/W.S.	$10
R-220/URR-29	I.B./W.S.	$10
BC-348-R OR Q	REPRO/WS	$10
CV-157/URR	REPRO/W.S.	$12
AN/USM-105	I.B./W.S.	$17
AN/USM-140	I.B./W.S.	$17
AN/TMM-1	REPRO/W.S.	$10
TS-510/USM-44	REPRO/WS	$10
TV-2	REPRO/W.S.	8.50
TV-7	I.B./W.S.	7.50
ML-26	I.B./W.S.	8.50
FR-5/URM-80	I.B./W.S.	8.50
TS-148/UPM-33	I.B./WS	8.50

ABBREVIATIONS: I.B.=INSTRUCTION BOOK; H.M.I.=MAINTENANCE INSTRUCT.; O.I.=OPERATING ONLY; REPRO=REPRODUCTION INCLDG. THE ABOVE; W.S.=WITH SCHEMATIC; N.S.= NO SCHEMATIC

ARC-27, -55	O.I./N.S.	$3.00
ARC-60	I.B./W.S.	8.50
ARN-12	I.B./W.S.	5.00
ARN-59	O.I/N.S.	3.00

ART-13 TRANSMITTER REPRODUCTION ONLY, OPERATING, SCHEMATICS, MAINTEN. $10

AN/GRC 3-8, VRC-13-15, VRC 16-18 COVER ALL OF THE SAME TYPE EQUIPMENT I.B/WS $8.50

GRC-9	I.B./W.S.	8.50
GRC-19	I.B./W.S.	8.50
GRC-26	I.B./W.S.	8.50
GRR-5	I.B./W.S.	7.50
PRC-6	I.B./W.S.	7.50
PRC-9A-10A	I.B./W.S.	7.50
VRC-19	I.B/W.S.	8.50

W/R-394/T-278/DY-93 98-100/PP-867-8-9

RT-67-68-69	I.B./W.S	$5.00
RT-70	I.B./W.S	5.00
R-1C8-109-110	" "	7.50
R-274	REPRO/W.S.	10.00
R-390A	I.B./W.S.	12.00
R-392	I.B./W.S.	10.00
R-394	I.B./W.S.	7.50
R-140 (HRO)	I.B./W.S.	7.50
R-257	I.B./W.S.	7.50
T-278	I.B./W.S.	7.50
T-368	I.B./W.S.	8.50
T-208-417	I.B./W.S.	8.50
DY-93-98-100	" "	3.00
ARC TYPE 12 RADIO SET COVERS R-10-11-15-19 T-11-13 & ACCESSORIES SIMILAR R-508-509-R-22 AND OTHERS. H.M11/W.S.		8.50
CV-431/R-508 ARC-60		8.50

SCHEMATICS

REPRODUCTIONS OF SCHEMATICS $1.50 AND UP. WRITE F/QUOTE

CQ SURPLUS CONVERSION HANDBOOK INCLDG. COMMAND SETS; ALSO ART-13, BC-348. $4.50

U.S. ARMOR COMMUNICATIONS ELECTRONICS DATA (BOOK), JULY 1973; DESCRIPTIONS OF VARIOUS EQUIPMENT. $3.00

THE LOW & MEDIUM FREQUENCY RADIO SCRAPBOOK BY W2IMB, $6.95; ADDENDUM 77/8, $3.95

RTTY FROM A TO Z, $5.00
NEW RTTY HANDBOOK, 3.95

73 IC TEST EQUIPMENT-$4.95

ARRL SOLID-STATE DESIGN, $7
ARRL LEARNING TO WORK WITH INTEGRATED CIRCUITS, $2.00

ARRL BOOKS

RADIO AMATEUR'S HANDBOOK, 1978 EDITION,	$8.50
THE LICENSE MANUAL,	3.00
THE ANTENNA MANUAL,	5.00
RADIO AMATEUR'S OPERATING GUIDE,	4.00*
COURSE IN RADIO FUNDAMENTALS,	4.00
UNDERSTANDING AMATEUR RADIO,	5.00*
ELECTRONIC DATA BOOK,	4.00
SPECIAL. COMM. TECH.,	4.00*
V.H.F. MANUAL,	4.00
S.S.B. MANUAL,	4.00
FM & REPEATERS,	4.00
HINTS & KINKS,	4.00*
GETTING TO KNOW OSCAR,	3.00
L/C/F CALCULATOR,	3.00

*PAST EDITIONS AVAIL. WRITE

TEXAS INSTRUMENTS

TI SOLID-STATE COMPONENTS DATA BOOKS; 10x7, SOFTBOUND.

THE MOS MEMORY DATA BOOK (1978), 200+ PP., $2.50
BIPOLAR MICROCOMPUTER COMPONENTS ('77), 239 PP, $2.95
INTERFACE CIRCUITS DATA BOOK (1977), 592 PP., $4.75
THE TTL DATA BOOK, 2ND ED.; W/SCHOTTKY, 832 PP., $4.95
TRANSISTOR AND DIODE DATA BOOK (1973), 1248 PP, $8.50
POWER SEMICONDUCTOR DATA BOOK (1972), 816 PP., $7.50
LINEAR CONTROL CIRCUITS DATA BOOK ('76), 368 PP, $2.95
THE OPTOELCTRONICS DATA BOOK (1976); 368 PP., $2.95
THE SEMICONDUCTOR MEMORY BOOK (1975), 272 PP., $2.95

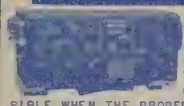
UNDERSTANDING SOLID-STATE ELECTRONICS (1972) BY TI; 12 LESSON, SELF-TEACHING COURSE. 250 PP. 168 ILLUS. $2.95

INTEL 1976 DATA CATALOG; INFO AND PINOUTS ON 4004, 8080A, RAM'S, ROM'S, ETC. 618 PP., $3.00

MAGAZINES

WE CARRY MONTHLY ISSUES OF THESE MAGAZINES: 73 ($2), QST ($2), CQ ($1.50), HAM RADIO ($2), HAM RADIO HORIZONS ($1), BYTE ($2), AND KILOBAUD ($2).

ART-13, TRANSMITTER



T-47/ART-13 TRANSMITTER; THIS WELL-KNOWN UNIT HAS AN UPPER FREQUENCY RANGE FROM 2000 TO 18,000 KHZ. TRANSMISSION AT LOWER FREQUENCIES FROM 200 KHZ POSSIBLE WHEN THE PROPER OSCILLATOR AND LOADING COIL ARE USED (PRICED SEPARATELY BELOW). AUTO- OR MANUALLY TUNED. TRANSMITS CW, MCW, AND AM VOICE; 90 WATTS POWER OUTPUT. CONVERSION INFO IN CQ SURPLUS CONVERSION HANDBOOK. WITH TUBES: 2/811, 813, 837, 2/1625, 12SJ7, 12SA7, 2/12SL7, AND 2/6V6. POWER REQUIRED: 28 VDC 10 AMP; 400 VDC 225 MA, AND 1250 VDC 250 MA. 23½x16x11½; WT: 70 LBS. USED, $49.50

28 VDC DYNAMOTOR FOR ART-13, USED, $14.95

CONNECTOR PLUGS FOR ART-13: U-7 AND U-8 FOR XMITTER; U-9 AND U-10 F/DYNAMOTOR, $2.50 EA.

O-16/ART-13 LOW FREQUENCY OSCILLATOR, 200 TO 500 KHZ OR 600 TO 1500 KHZ, USED, $17.95

O-17/ART-13 OSCILLATOR, 200 TO 600 KHZ, $12.95

CDA-T CRYSTAL OSCILLATOR F/ART-13B; CRYSTAL-CONTROL FOUR CHANNELS OVER 300-500 KHZ. FITS IN SET. USED, $9.95. CONNECTORS (2), $1 EA.

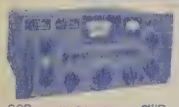
HIGH FREQUENCY OSCILLATOR F/ART-13, VARIABLE OVER 1000-1510 KHZ; LESS 837 TUBE. USED, $6.

AUDIO SPEECH AMP F/ART-13, #2C254, USED, $6.

SA-22/ART-13 ANTENNA SWITCHING UNIT; W/BENDIX LM-26G VACUUM RELAY. 10 LBS. UNUSED, $6.

C-87/ART-13 PILOT'S CONTROL BOX, UNUSED, $3.

TMC COMPONENTS



TECHNICAL MATERIEL CORPORATION COMMUNICATION GROUPS COMPONENTS INCLUDING RF OSCILLATORS, RF AMPLIFIERS, MASTER OSCILLATORS, EXCITERS, POWER SUPPLIES, FSK AND SSB CONVERTERS, SWR INDICATORS, AND CABINETS. MOST UNITS HAVE PARTS MISSING, THOUGH SOME ARE COMPLETE. SEND SASE FOR MORE INFO.

PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000.

INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES

OUTPUT, A_1: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS

A_2: .9 TO 1.8 VDC @ 0 TO 1 AMP AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP.

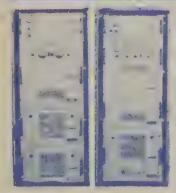
B_1 & B_2: 22.5 TO 150 VDC @ 0 TO 100 MA.

C_1: 0 TO 22.5 VDC @ 0 TO 1 MA.

INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8,9,10; SCR-510, 610; AND BC-1000

SIZE: 25x11½x14¾; WT: 150 LBS. USED $49.50

TRC-29 MICROWAVE TRANSMITTER-RECEIVER



AN/TRC-29 RADIO RELAY SET. INCLUDES T-303A TRANSMITTER AND R-418A RECEIVER IN THE 1700 TO 2400 MHZ RANGE WITH 27 PRESET CHANNELS; T-389A ORDER-WIRE TRANS. AND R-543A ORDER-WIRE REC. ON A 6 MHZ FM CARRIER FREQUENCY; AND PP-690, -689, & -764 POWER SUPPLIES. TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOYS A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 HZ 2300 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 1051 LBS. PRICE: TRC-29, UNUSED LESS SRL-7 $395.00

BC-348 RECEIVERS

BC-348 RECEIVER, 200 TO 500 KHZ AND 1.5 TO 18 MHZ AM AND CW IN SIX BANDS. FEATURES CRYSTAL FILTER, MANUAL AND AUTOMATIC VOLUME CONTROL, AND BFO. INTERMEDIATE FREQUENCY: 915 KHZ; OUTPUT IMPEDANCE: 300 OR 4000 OHMS. "Q" OR "R" MODELS SHIPPED ACCORDING TO AVAILABILITY. TUBE LINE-UP VARIES AMONG MODELS. SOLD LESS THE DYNAMOTOR POWER REQUIRED: 220 VDC 70 MA AND 24 VDC. SIZE: 18x10½x9½; SHPG. WT: 44 LBS.

PRICE: USED, REPARABLE, $75. CHECKED, $99.50

GOV'T RECONDITIONED, CHECKED, $125.

DM-28 DYNAMOTOR, 28 VDC 2 AMPS, USED, $8.95

115 VAC 60 HZ POWER SUPPLY W/SPEAKER. $23.00

PL-103 CONNECTOR PLUG F/REAR OF REC., 2.50

MANUAL FOR BC-348-Q OR -R, REPRODUCTION, $10.

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANSMITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET. MAY ALSO BE USED AS HOMING DEVICE FOR KEYED UNMODULATED OR CW SIGNALS. POWER REQ. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA. 27 V. 400 CYC. FOR BLOWER. WITH TUBES 9/5840, 7/57 18, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/6BF7.

SIZE: 7½x14x5¼; WT: 17 LBS. PRICE: USED, $19.95

SB-329/AR SIGNAL DISTRIBUTION BOX FOR ARC-44; SELECT RECEIVERS/XMITTERS, USED, $3.95.

TRANSCEIVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP. DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS. FREQ. RANGE 2-25 MC SIZE: 8x7x6½; WT: 10 LBS. #5821-547-5718/618S-

PRICE: USED $14.95

POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC, COIL IS ROTATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC.

SIZE: 11x5x6; WT: 10 LBS #5821-547-3496/618S-1

PRICE: LESS TUBES $14.95 WITH TUBES $18.50

SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH $1.00

MATING CONNECTORS " " " EACH $1.50

GIBSON GIRL

T-74/CRT-3 SEA RESCUE TRANSMITTER EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCIES OF 500 AND 8364 KH. POWERED BY HAND CRANK GENERATOR AND SENDS OUT AUTOMATICALLY SOS SIGNALS. CAN ALSO BE KEYED BY HAND WITH A 1000 CYCLE TONE, ON 500 KH ONLY.

SIZE: 10x8x10; WT: 20 LBS. USED $24.95

GIBSON GIRL ACCESSORIES

M-315 HYDROGEN GENERATOR W/INFLATING TUBE; DESIGNED TO INFLATE M-278 BALLOON (NOT AVAILABLE). CONSISTS OF STEEL CYLINDER FILLED W/ LITHIUM HYDRIDE. IMMERSION ACTIVATED, $7.00

M-308 SIGNAL LAMP W/STRAP FOR AROUND HEAD. PLUGS INTO T-74 AND LIGHTS WHEN XMITTING, $1.

W-147 ANTENNA WIRE, 306' ON SPOOL. 65 LBS. TEST; #16 STRAND; .04" DIA. $2.50

SSB TRANSCEIVER

RT-594/ARC-38A SSB TRANSCEIVER, 2.0 TO 25 MHZ FROM 20 PRESET CHANNELS; FREQ. INTERVAL: 500 HZ (2.0-7.25 MHZ) AND 1000 HZ (7.25-25.0 MHZ). HAS AUTOTUNE FROM CHANNEL TO CHANNEL. TRANSMITS SSB OR AM SIGNALS WITH MINIMUM PEAK OUTPUT OF 100 WATTS (2-14.25 MHZ) AND 90 WATTS (14.25-25 MHZ). ANTENNA TUNE POWER: 50 WATTS. CARRIER SUPPRESSION: 40 DB MIN. RECEIVES AM, DSB, AND SSB. SENSITIVITY: 1.5 U-V. FOR 10 DB (SSB): SELECTIVITY: 3 KHZ MIN. BANDWIDTH @ 6 DB DOWN; 8 KHZ MAX. @ 60 DB DOWN. CAN BE USED WITH FSK. UTILIZES A VFO, SPECIAL DISCRIMINATOR AND REFERENCE OSCILLATOR SUBASSEMBLIES. WITH 25 TUBES. POWER REQUIRED: 28 VDC AND 115 VAC 400 HZ. 600 VDC, 250 VDC, -50 VDC, -65 VDC AND 6.3 VAC. 115 V. 400 HZ FOR SELSYN ON PA INDUCTOR. SIZE: 15½x8x23½; WT: 65 LBS.

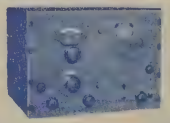
PRICE: RT-594/ARC-38A, USED, REPARABLE, $135

618S-1/MC TRANSCEIVER MODIFIED FOR SSB. SIMILAR SPECS AS THE ARC-38A, USED, $99.95

RT-311/ARC-38 TRANSCEIVER, SIMILAR TO THE ARC-38A, BUT WITHOUT SSB. USED, $75.00

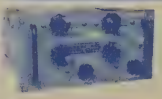
COLLINS 618S-1 TRANSCEIVER, SIMILAR TO RT-311/ARC-38, BUT WITHOUT VFO. CRYSTAL-CONTROLLED AM RECEIVER. USED, REPARABLE, $49.50

1.5 - 30 MHZ RECEIVER



CFT-46243 RADIO RECEIVER, ORIGINALLY USED WITH NAVY DAU DIRECTION FINDER SET. COVERS 1.5 MHZ TO 30 MHZ IN FOUR BANDS. SUPERHETERODYNE TYPE RECEIVER HAS CONTROLS FOR BFO, AF GAIN, SENSE GAIN, AND SENSITIVITY. WITH TUBES 4/6SK7, 2/6SA7, 6SJ7, 6SQ7, 6SA7, 6K6, 6H6, 6J5, 0D3, AND 5U4G. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 14½x 19x17½, SHPG. WT: 90 LBS. USED REPARABLE. $100.

C-BAND AMP-MULTIPLIER



AM-915/GRC AMPLIFIER-MULTIPLIER, ORIGINALLY USED WITH THE T-302/GRC TRANSMITTER TO COVER THE C BAND, 225-400 MHZ FM. OUTPUT: 120 WATTS DRIVEN BY TWO 4X150'S. SIZE: 12x6x14, SHPG. WT: 45 LBS. USED, $54.95

AM-1180/GRC 50-100 MHZ, (1) 4X150A, $49.50

AM-2537/TRA, 790-915 & 840-925 MHZ, $59.50

AMPLIFIER-CONVERTER PLUG-IN UNITS USED WITH R-417/GRC RECEIVER. 30 MHZ IF. CONTINUOUS TUNING OF RF AND OSCILLATOR. USED, COMPLETE. SIZE: 7½x6½x9½, SHPG. WT: 17 LBS.

AM-1179/GRC, 50-100 MHZ, $39.50

AM-914/GRC, 225-400 MHZ, 4/6J4, 5670, $34.95

AM-1177/GRC, 400-600 MHZ, $44.50

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BANDPASS FILTERS FOR R-417/GRC RECEIVERS.

F-193/U 121-142 MHZ
F-195/U 163-184 "
F-196/U 184-205 "
F-197/U 205-226 "
F-199/U 224-254 "
F-200/U 254-284 "
F-201/U 284-314 "
F-202/U 314-344 "
F-203/U 344-374 "
F-204/U 374-404 "

PRICE: USED, $12.95

F-239/U 58.5-67.0 "
F-240/U 67.0-76.0 "
F-241/U 75.0-84.0 "
F-242/U 84.0-92.5 "

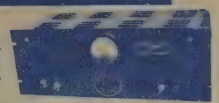
WRITE ABOUT OTHERS

RF & IF MODULE

RF & VARIABLE IF MODULE FROM R-540/ARN-14 RECEIVER. 108 TO 135.9 MHZ RF; VARIABLE IF OF 19.5-21.4 MHZ. REQUIRES 88.5 TO 114.5 OSCILLATOR INJECTION (NOT PART OF MODULE). WORM-DRIVE VAR. CAPACITOR FOR TUNING. WITH TUBES 2/5654, 5670, AND 5725. 10x3¾x3½, 12 LBS. UNUSED.

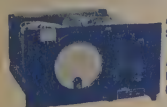
$9.95

AUDIO AMPLIFIER



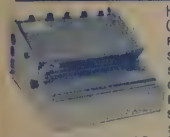
AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6SQ7, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8¾x19; WT: 30 LBS. PRICE: RE-COND. $24.95

AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS., GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES
POWER REQUIRED 115 VOLT 50/60 CYCLE.
SIZE:7x12x14; (NO COVER WITH UNIT) WT: 23 LBS
PRICES: USED SERVICEABLE $8.95 TWO FOR $15.00



AIRCRAFT MULTIMETER, WITH SCALES 1 TO 300 VAC AND 1000 VDC; 1 TO 1000 MA DC; AND 1 TO 1 MEGOHM. HAS 4" RD. METER, FS-1 MA. TWO 6111 TWIN TRIODES REQUIRING 100 V. PLATE VOLTAGE (165 V. MAX.) NEEDS EXTERNAL POWER SUPPLY. METER CIRCUITRY SIMILAR TO H-P 410B/ME-26. NO COVERS. 9½x5x10; 15 LBS. USED, $19.95

HEATH CHART RECORDER



HEATH EUW-20-A CHART RECORDER, SINGLE SPEED 2" PER MINUTE WITH DIFFERENT SPEEDS POSSIBLE BY SUBSTITUTING INTERCHANGEABLE CHART MOTORS AVAILABLE FROM HEATH. 10" LINEAR SCALE; ONE SEC. FULL SCALE PEN RESPONSE. SENSITIVITY RANGES: 10, 25, 50, 100, AND 250 MV. ALSO VARIABLE DAMPING AND ZERO POSITION. TAKES STANDARD CARTRIDGE FOUNTAIN PEN (NOT INCLD.) POWER REQUIRED: 115 VAC 60 HZ, 8¾x15x13½; SHPG. WT: 22 LBS. USED, REP., $59.50

TRANSISTOR RADIOSONDE

TRANSISTORIZED RADIOSONDE WITH CLOCKWORK TIMING MECHANISM (NO KEY); USED IN METEOROLOGICAL OBSERVATION OR SIMILAR APPLICATIONS REQUIRING AN EXTREMELY LIGHTWEIGHT TRANSMITTER. UTILIZES A 2-TRANSISTOR MODULATOR AND A 2-TRANSISTOR TRANSMITTER CIRCUIT. TRANSMITTER HAS A 7533 INTEGRAL CAVITY TUBE WHICH FUNCTIONS AS THE TUNED CIRCUIT FOR THE OUTPUT: 1660-1700 MHZ, 575 MW (NO FURTHER DATA). WITH HUMIDITY ELEMENT. TRANSMITTER SIZE: 2½" DIA. X 6". OVERALL SIZE: 7¾x4x5½. SHPG. WT: 4 LBS. FRIEZ #3002, UNUSED, $9.95

T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL-BATTERIES (SOLD SEPARATE). SIZE: 6½x5x2¾ WT: 2 LBS. $1.50
BB-208 DRY CELL BATTERY SET WT: 1 LB. $2.00

TCS RECEIVER

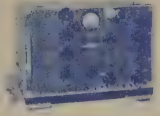
NAVY TCS RECEIVER COVERS 1.5 TO 12 MHZ AM IN THREE BANDS; CONTINUOUS TUNING OR FOUR CRYSTAL-CONTROLLED CHANNELS. AUDIO OUTPUT: 1.5 MW INTO 500 OHM LOAD. WITH TUBES 2/12A6, 12SA7, 3/12SK7, AND 12SQ7. POWER REQUIRED: 220 VDC 100 MA AND 24 VDC. SIZE: 11¾x11½x13¾; SHPG. WT: 42 LBS. NET: 37 LBS. PRICE: USED, REPARABLE, $19.95 CHECKED, $50.00

TCS ACCESSORIES

TRANS. ANT. LOADING UNIT	USED	14.95
DYNAMOTOR P.S. F/REC & TRANS. 12V		14.95
REC. TO P.S. CABLE		2.75
TRANS. TO P.S. CABLE		2.75
CONTROL BOX TO P.S. CABLE		4.95
CONNECTOR PLUGS FOR ANY OF UNITS,	EACH	2.00
MOUNTING BASE W/ SHOCK MOUNTS		4.75
SHOCK MOUNTS ONLY	EACH	.75
NOISE LIMITER CONVERSION KIT F/REC		3.00
AC POWER SUPPLY 115 VOLT 60 HZ TRANS.		40.00
REC. ONLY W/SPEAKER $25. REC.& TRANS.		55.00

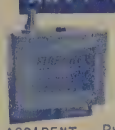
FOR MORE INFORMATION PLEASE WRITE

BENDIX TRANSMITTER



BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW, AND PHONE FROM 300 TO 600 KHZ AND 3000 TO 7000 KHZ. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH MP-28B 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 6.3 V. 3 AMPS, 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10½x15x11; WT: 40 LBS. USED, $39.50

ANTI-FIRE ANTI-THEFT



FIRE CHEX AUTOMOTIVE ELECTRICAL SHUT-DOWN DEVICE; DESIGNED TO AUTOMATICALLY DISCONNECT A CAR'S, TRUCK'S, OR BOAT'S ELECTRICAL SYSTEM IN THE EVENT OF A COLLISION AND THUS SUBSTANTIALLY REDUCE THE THREAT OF FIRE IN AN ACCIDENT. BY USING THE INCLUDED 80" SPLINE SHAFT, FIRE CHEX MAY ALSO BE USED AS AN ANTI-THEFT DEVICE. WITH THE ENGAGEMENT OF THE SPLINE LEVER HIDDEN UNDER A DASHBOARD, THE POTENTIAL THIEF COULD NOT START A VEHICLE, EVEN IF HE OR SHE "HOT-WIRED" THE IGNITION. THE ENGINE WOULD NOT TURNOVER UNTIL THE OWNER DISENGAGED THE UNIT. WORKS IN 6, 12, OR 24 VDC SYSTEMS. WITH SPLINE, FUSED LINE, MOUNTING BRACKETS, AND WIRING INSTRUCTIONS. SIZE: 4½x4½x1¾; SHPG. WT: 6 LBS. UNUSED, $9.95

DATA STORAGE UNIT

CV-2607/CG CONVERTER SIGNAL DATA STORAGE; TAPE DATA STORAGE UNIT USES EIGHT CHANNEL HEADS, ONE READ AND ONE WRITE, ¼" TAPE STORED IN 14x12½ MAGAZINE. SPROCKET-DRIVE HEADS HAS TWO SYNCHRONOUS STEPPING MOTORS @ 200 STEPS PER REVOLUTION. TWO SWING-OUT CIRCUIT CARD RACKS EACH HOLD FIFTEEN 6-3/8x5¾ CARDS. USES MOSTLY 2N404 TRANSISTORS, BUT ALSO SOME PLASTIC SILICON ONES. UNIT SETS IN RACKMOUNT CABINET WITH INTERIOR GLIDES AND MUFFIN FAN. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x10½x21½. SHPG. WT: 115 LBS. UNUSED, $59.95

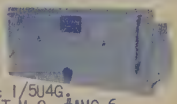
GRAB BOX ASSORTMENT OF NEW & USED, USEABLE GOVERNMENT AND MANUFACTURERS SURPLUS ELECTRONIC ITEMS SUCH A ASSEMBLIES, RESISTORS, CAPACITORS, MOTORS COILS, CHOKES, TRANSFORMERS, POTI CIRCUIT BOARDS, RELATED ITEMS. PACKED IN A CARTON OF 50 LBS. (THIS MAKES A GOOD FILLER TO MAKE THE MINIMUM WEIGHT REQUIRED FOR TRUCK SHIPMENTS OF 150 LB. CHARGE.
GB-77 50 LBS. $7.50 2 CTNS. 100 LBS. $13.00

DIGITAL DISPLAY

DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO $ SIGN 3-3/16" HIGH ON 3¼x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE.(WIRING DIAGRAM FURNISED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD.SIZE:3½x5½x1½; WT: 7 LBS.
PRICES: $3.95 EA. 3 FOR $10.00

SUBCYCLE RINGER

TA-13/TT STATIC FREQUENCY CONVERTER FOR RINGING PRIVATE TELEPHONE LINES. INPUT: 105-125 VAC 50-60 HZ. OUTPUT: 75-110 V 16-2/3 TO 20 HZ. WITH FUSE AND CONNECTORS. SIZE: 4-3/8x7-3/8 x13¼; 45 LBS. SH; NET: 32 LBS. UNUSED, $35.



CU-992/URR MULTI-ANTENNA COUPLER FOR USE IN THE 2 TO 32 MHZ RANGE, CAN BE USED WITH 6 RECEIVERS FROM ONE ANTENNA SYSTEM. WITH TUBES 8/6AH6,2/0B2 & 1/5U4G. POWER REQ. 115 V. 60 HZ. T.M.C. #AMC-6 RACK MTG. 19½x8¾x15; WT: 40 LBS.REPARABLE$25

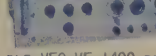
TV-2/U DYNAMIC MUTUAL CONDUCTANCE ELECTRONIC TUBE TESTER for portable use. Used to test and measure performance capabilities and to determine rejection limits for electron tubes used in receivers, low-powered transmitters and other electronic equipment Has provisions for checking tubes up to 9 pins including acorn, noval, 7 pin trans., etc. Meters 2½" for reading filament, grid, plate, screen, signal and transconductance (percent quality) which is 10,000 ohms per volt. All the important tests can be made on this unit and it will also test tubes under the actual operating conditions by setting the proper voltages that are indicated on the meters. Power required: 103 to 125V.; 50 to 1600 cycles. Size 173/4x16¼x8½ shpg. wt: 45 lbs.
Price:used reparable $75.00 Chkd $95.00

TV-2 PARTS: meters, sockets switches, transformers, etc. available. Write your needs.

DIGITAL DISPLAY

ID-953 DIGITAL DISPLAY; six Burroughs 8421 (B-5092) NIXIE. Amber-colored filter; BEZEL marked hours, minutes, seconds. Has two Amphenol 57-40500 connectors (mates not available). With two spare 8421 NIXIE. 3½"h x 4"d for standard rackmount. Price: Unused, $29.95

TELEMETRY RECEIVER

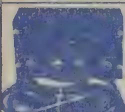


NEMS-CLARKE 1432 TELEMETRY RECEIVER WITH PHASE-LOCK DETECTOR. FUNCTIONAL IN THE 215-260 FM MHZ RANGE USING EITHER SINGLE-CHANNEL CRYSTAL CO-400 OR TUNABLE VFO VF-1400 PLUG-IN MODULES (NEITHER AVAILABLE). FIRST IF: 30 MHZ; SECOND: 5 MHZ. IF BANDWIDTH: 100 OR 500 KHZ. VIDEO OUTPUT: 10 HZ-100 KHZ AC COUPLED. FM DEVIATION RANGES: 25, 75, OR 150 KHZ. METERS FOR OUTPUT, DEVIATION, TUNING, AND SIGNAL LEVEL. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8¾x19x16; SHPG. WT: 50 LBS. USED, REPARABLE, $195.00
MANUAL F/1432, REPRO, $10. W/PURCHASE OF SET

Control Boxes Filters Indicators Tuning Units Amplifiers

ALARM BELL
OPERATES FROM 24 VOLT D.C.
SIZE: 4½x4½x2½
WT: 1LB #561-3
NEW $1.95

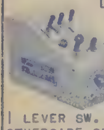
PRINCESS #6902 PASTEL SOLDERING IRON HANDLE. TWO WIRE CORD 4½ FEET LONG. NO ELEMENTS. UNUSED $1.50



C-345A/MRC-2 CONTROL BOX HAS VOLUME CONTROLS, PHONE & SPEAKER JACKS, FOR TWO RECEIVERS A & B. ALSO 2½ FT CORDS W/PL-68 PLUGS TO CONNECT THE UNIT WITH A & B. 6x3½x2 WT: 4LB
PRICE: $3.95

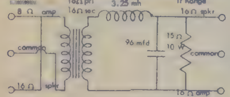
SB-329 SIGNAL DISTRIBUTION CONTROL BOX USED W/ARC-44 RADIO SET. CONTAINS 4 POS. SEL. SWITCH VOL CONT, 2 IND. LITES WITH 327 LAMPS, MINITURE SWITCHE ½x½x½ 3/SPDT, 1/SPDT & 1/DPDT ½x½x½. SIZE: 2½x5¾x4½; 5 LB
RICES: USED $3.95 NEW $7.95

DPDT POWER KNIFE SWITCH, RATED 125 V 60 AMPS. 3½x8½x¾ INSULATOR BASE 6¼" LONG LEVER W/BALL GRIP. COPPER CONTACTS; 7 LBS SH. #KNS-125V-60A, UNUSED, $15



LS-230 INTERCOMMUNICATION STATION CONTROL BX CONTAINS 3 ROTARY 3 POSITION LEVER CONT. SW 1 LEVER SW. DPDT CENTER OFF, 1 LEVER SW. SPST 1 SIDE, OTHERSIDE SPST MOM. & CENTE OFF. 3 LITE IND. PHONE & MIKE JACK & 1 MIN. TRANSFOR 50 TO 500 OHM. SIZE: 7x5x2½; WT: 3 LBS. PRICE: $5.95

AUDIO FILTER



ELECTRO-VOICE FILTER EVXX3 IS A AUDIO FREQ. FILTER THROUGH WHICH TWO AUDIC AMPLIFIERS CAN BE CONNECTEI TO 2 SPEAKER SYSTEMS. ALL BASS FREQ. BELOW 300 CPS ARE PASSED TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQ. ARE PASSED WITHOUT CHANGE TO BOTH SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR 2 FULL RANGE SYSTEMS. CAN ALSO BE ADAPTED TO OTHER USES. #EVXX3F
5½x4¾x5½; 8 LBS. NEW $2.95

REMOTE STATION LINE PANEL BOX HAS THREE POSITION SELECTOR SWITCH, 2 BULLS EYE INDICAYOR LIGHTS, 115 VAC LINE CORD ETC. (NO BELL INC 3¼x6x4; 3LB.
#K-53-1604S NEW $1.95

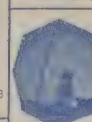
RADIO COMPASS INDICATOR 5" MN-98 CANADIAN. W/AUTOSYN AY144 A1, CAN BE USED W/AS-313/ARN-6 ANTENNA OR AY-201 AUTOSYN AS TRANSMITTER. UNUSED $15

ID-637/ARN INDICATOR AZIMUT RADIO COMPASS 3" UNUSED $10

ID-91B INDICATOR 3" NEW $10

AY-201 AUTOSYN THAT CAN BE USED WITH THE ABOVE INDICATORS AS A TRANSMITTER TO MAKI WIND DIRECTION UNIT. RM $2.95

1-81 OR 1-82 ARMATURES 3H2716/A1 ALSO MC-217/507 ARMATUES 3H2740-A5 NEW $5



MN-40 INDICATOR 0-360 DEGREE SCALE SIMILAR TO ABOVE EXCEPT THAT IT IS OPERATED MECHANICALLY BY USE OF A SPLINED FLEXIBLE SHAFT OR SPIN KNOB OR BOTH.

MN-40 INDICATOR 5"	$2.50
MC-124 SHAFT 20"	$1.50
MC-137 SPIN KNOB	$1.00

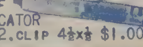
****
*MAKE *
MACY'S
*PHONE *
*PATCH *
****

RM-52 REMOTE CONTROL UNIT USED FOR CONTROL OF RADIO SET AND AS INTERCOM., BY USING 4 FLASHLIGHT BATT. W/MULTI-TAP TRANS. MIC/PH JACKS ETC. (PARTS -MACY'S) 7½x3½x5; 5LB. "U" $3 "N" $4

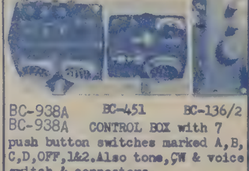
REMOTE CONTROL BOX FOR TCS EQUIPMENT, CONTCINS 3 SPST SWITCHES, 2 PHONE AND MIC JACKS ALL WATERPROOF, 1 DUAL POTENTIOMETER WITH DIAL KNOB. SIZE: 5½x5½x3, WT: 3LBS. #CMX23429 NEW $1.00

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24VDC RELAY DPDT, COND, RES. SIZE: 4x4x4; WT: 2 LBS. USED PRICE: $1.00 EA. 2/$1.50

SYLVANIA LAMP SOCKET STRIP 8 SOCKETS ½" CENTERS $1.00 EA 28V LAMP 28PSB 30¢ EA. 4/$1



TS-446 R F NEON INDICATOR PROBE, NE-2, CLIP 4½x½ $1.00



BC-938A BC-451 BC-136/2

BC-938A CONTROL BOX with 7 push button switches marked A,B, C,D,OFF,1&2. Also tone, CW & voice switch & connectors.
Price.... $2.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

AUTO REMOTE CONTROL ASSY. MIC. JACK, PILOT LITE, ON-OF SWITCH & 6 FT. 8 COND CABLE MOUNTED TO PLATE 3x3" 2LBS. PRICE: $1.25 EA. 3/$3.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3½x3½x3 WT: 3LBS. RECOND. $2.95

ID-304/APA-70C CROSS-POINT COURSE INDICATOR W/ON-OFF POWER SWITCH, UNUSED, $7.95

1-81-N COMPASS INDICATOR, 0-360, 24 V 400 Hz OR 12 V 60 Hz. 3½x3" DIA., $8.95 CONNECTOR, $2.50

CONNECTORS

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1½ $1.50 EACH

CONNECTOR PLUGS 15 CONTACT SIZE: 2½x1½x½ PER PAIR $1.50 P-601

18 CONTACTS 2½x2½x1 P-2802 PER PAIR $2.00

35 CONTACT CONNECTOR MALE #621905 FEMALE #407375 SIZE 2¼x1 NO COVER $1.50 PR.

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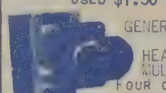
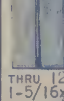
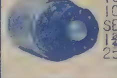
15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1½x¾. AMP #26-150 F/CHASS. #151 W/CO USED $1.50



GENERAL ELECTRIC HEAVY DUTY MULTI-SWITCH FOUR CONTACT 3 POSITION & OFF. POS. 1 & 2, 2 & 3, AND 3&1 SIZE: 5x4x2½; WT: 3 LBS. GE#16SP1GF11X4/SP-1 $4.95



BB-208/AMT RADIOSONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2¾HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZI 1-5/16x29/32x4-5/32; WT. EA. BATT. 4½ OZ.
BATTERY PACK (4) $2.00



100 OHM 10 WATT 10-TURN VERNIER SEALED POT, 3½x 1¾" DIA. #CLR-2501/HFE, USED, $4.95 EA.

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTI SIZE 4x5x3; WT: 4LB. $2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518
PRICE: $1.95

SHAFT EXTENDER-COUPLER-INSULATOR, CAN BE USED FOR ANY OF THESE PURPOSES. METAL COUPLER ⅝" LG. ½" DIA. WITH 2 SET SCREWS ON EA. END. FOR ½" SHAFT ALSO HAS FIBER INSULATED SHAFT ⅜" LG. WITH SLOTTED END.
#T-278-C 39¢ EA. 3 FOR $1

FLEXIBLE COUPLING

METAL FLEXIBLE COUPLING 2" x 1⅜" FOR 1/4 TO 1/4 SHAF COUN002 EA. $ .40

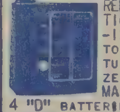
INSULATED FLEXIBLE COUPLING 1"x¾" FOR ¼" SHAFT. COUN003 $ .25

JOHNSON CERAMIC COUPLING 2x2 F/¼" SHAFT #COUN006 59¢ 2 FOR $1

METAL FLEXIBLE COUPLING FIT ¼" TO 3/8" SHAFTS. 1" DIA. 1½" LONG. COUN005 $ .25

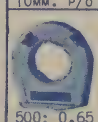
#COUN007; 1-5/8" DIA. x ¾, FOR ¼" SHAFT, 39¢ EA
#COUN008; 2-5/8" DIA. x 2, FOR 3/8" DIA. SHFT, 79¢ EA

CORNELL-DUBILIER DECADE CAPACITOR 5x3¾x2½; 4 LBS. #CDB5, 0.01-1.1 MFD, USED, $12. #CDC5, 1-10 MFD, USED, $16.

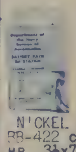


REMOTE MALFUNCTION ALARM BOX, -12 VDC APPLIED TO TERMINALS ACTUATES 6 V BUZZER. W/2 2500 4 MA RELAYS. USES 4 "D" BATTERIES (NOT INCLD) 5¼x5¼x2½; 4 LBS. #E54R1, $5

PRECISION VERNIER WAVEGUIDE PROBE 4 3/4 LENGTH 3/8x5/8 WAVEGUIDE. PROBE CAN BE POSITIONED HORIZONTALLY 30MM AND VERTICALLY 10MM. P/O TN-191/GPN $12.95



CURRENT TRANSFORMER FOR USE WITH AC AMMETER, MOLDED TOROIDAL CONST 200/115 V 400 CPS CURRENT RATING 500: 0.65 AMPS. 2½x2½x¾ IN. 4 OZ, # 7499 $.75
SIMILAR TO ABOVE OPEN TORROIDAL. RATING 250: 2 AMPS 400 CPS. WEST. TYPE AVT-15A 3x3x1, 8 OZ. $.75



WATER ACTIVATED BATTERY BA-316/AM 7½ V. AND 114 V. 9½x3¼x3¾; 3oz. $1½

BA-315 MERCURY BATT FOR URC-4 OUTDATED SOLD "AS-IS" $5

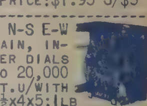
NICKEL CADMIUM BATTERIES
BB-422 CELL 1.2 V. 14 AMP. HR. 3¼x7½x1, USED $8.00
BB-600 CELL 1.2 V. 34 AMP. HR. 3¼x8¾x1¼, USED $15.00

SILVER CELL

SILVER CELL DRY CHARGE BATTERY, 1.5 V. APPROX. 8 AMP. MIN. REQ. 3.4 CC OF 1.300 SPECFIC GRAVITY POTASSIUM HYDROXIDE FOR ACTIVATION. SIZE: 1x1½x3/8. #EP1485 PRICE: $3.95 EA. 3 FOR $10

NOISE-VOICE ACTIVATED TRIGGERING DEVICE

WHEN CONNECTED TO 6 - 9 VOLTS AND A RELAY OF THE SAME VOLTAGE THE RELAY CAN BE ACTIVATED BY NOISE OR VOICE. UNIT CONSISTS OF CRYSTAL MIC. TRANSISTOR, SCR 2 CAP. 3 RES. AND A TRIMMER POT. FOR ADJUSTING SENSITIVITY. W/SCHEMATIC/LESS BATT AND RELAY. SIZE: 1½x1; 2 OZ. LEE#5355 PRICE: $1.95 3/$5



INDICATOR N-S E-W W/GEAR TRAIN, INNER & OUTER DIALS COUPLED TO 20,000 OHM 1% POT. U/WITH APA-44. 3½x4x5; 1LB

N-S	#153223	$4.95
E-W	#153229	$4.95

KEYBOARD

CALCULATOR KEYBOARD, 17 BUSINESS-SIZE KEYS. EACH SWITCH REMOVEABLE; CONTACTS ACCESSIBLE. SP4P SLIDE SWITCH USED, EXC. NCR#0092, $3.95

KEYBOARD

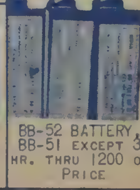
16 KEY KEYBOARD BY MICRO SWITCH CONTACTS RATED 12V 6MA TO SINGLE COMMON BUS. BUTTONS .5x.5x.2. 0 THRU 9 RESET, DELETE, CARD NO., $ AMT, PROCESS, FCT. SIZE 3x3x1 #16NW3-44 NEW $6.95

VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER MO TUNING, 5 LBS. $3.50

VIBRATORS

VB-16/6,12 OR 24 VOLT FOR PE-237 $12.00

TYPES LISTED BELOW
$1.95 EACH
VB-1/6VOLT FOR PE-117
PE-97 & PE-237
SAME AS VB-7
VS-3/6VOLT FOR PE-104
SAME AS MALL-5500
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12



BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 30OHMS LEAD CELLS SIZE 1½x3½ x7/8. 5 OZ. DRY CHARGE
PRICE: $1.00 EACH

BB-52 BATTERY, SAME AS BB-51 EXCEPT 36V. EA. 3A. HR. THRU 1200 OHM.
PRICE $.50 EACH

MINIMUM ORDER $5.00

RADIO-TELEPHONE LINK

AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26,5763,5R4,6AK6,0A2 12AX7,2 EA. 12AU7 & 6L6, TUNING METER & METERING SW.....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7,6AQ5,12AX7,6AX5, 2 EA. 6BA6,6J6,0B2 & 4/6AK5...THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTE AND ELECTRONIC HYBRID NETWORK. IT CONVERTERS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7. 1 EA.6AS6,6AK6,0B2, 2/0A2 & 3/6X4.

CABINET SIZE 21¼x14⅝x22½; SHPG. WT: 100 LBS.
PRICES: USED SERVICEABLE $59.50

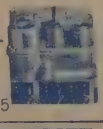
RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIRCRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THEI SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 304. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE.
SIZE: 3⅜x7x2¼; WT: 3LBS. PRICE: USED $14.95

CX-1093A/U POWER CABLE FOR URC-4 $1.50

URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. WITH INSTRUCTIONS IN THE COVER
PRICE: $9.95

RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTOI VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED, TS-684 SHOWN ON PAGE 16
SIZE:3x1½x4; WT: 1½ LBS.
PRICE: USED..... $18.95

CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ. AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9½x4¾ WT: 7 LBS. USED, $12.95

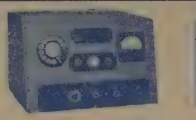


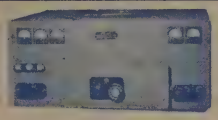
APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40
8x8½x3; WT: 6 LB.LESS TUBES $4.95

SONALERT ALARM

MALLORY SONALERT ALARM MODULE, OPERATES FROM 5 TO 28 VDC 3-14 MA; FREQUENCY: 2900 HZ FAST PULSE, 68 TO 80 DB. 1-7/8x1-5/8 DIA. REMOVED F/EQUIP. #SC628P, $5.95 EA.

SONALERT WITH 24 V SOLID-STATE PULSER MODULE, 30 CPM; PLUGS IN OCTAL BASE. MOUNTED ON BRACKET. REM F/EQUIP. #SC628P-PM, $7.95

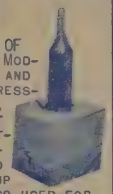




BC-1100 TRANSMITTER; 1.5 TO 10 MHZ, CRYSTAL CONTROL OR MO. ON ANY 4 PRESELECTED CHANNELS BY LOCAL OR REMOTE DIALING OR ON/OFF OPERATION 75 WATT C.W. 50 WATT PHONE. POWER REQ. 115/230 VOLT 50/60 CYCLE. WITH TUBES 2/6L6,3/807,1/VR-150, 1/5Z3 & 2/RK-60. MANUAL ONLY $ 5.00
SIZE:40½x18x30; WT: SHPG. 411 LBS. NEW $75.00

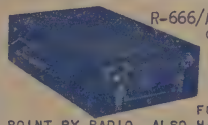
RM-40 REMOTE CONTROL & AMPLIFIER FOR ABOVE TRANSMITTER, HAS PULSE DIAL CIRCUITS THAT CAN BE USED TO OPERATE TRANS. OVER TELEPHONE LINES OR WIRE, MIC. AND PHONE AMP. AND LINE LEVEL METER. POWER REQ. 115/230 V. 50/60 CYC. WITH TUBES 2/6J5 & 1/80.
SIZE: 10x14x13⅜; WT: 50 LBS. NEW $35.00
CARBON MICROPHONE $7.95 MANUAL $5.00

RADIOSONDE

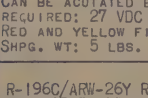


AN/AMT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMUTATOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGIGICAL BALLON. ALSO USED FOR TRACKING WIND DIREDTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1½ LBS. (613 GRAMS.)
PRICES: MODULATOR ONLY LESS HUMIDITY AND SENSITIVE ELEMENTS $3 TRANSMITTER ONLY$4.95

RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRE SELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811,1/1625,1/6AG7,1/6V6,1/12BE6,2/12AU7,2/12AL5,2/28D7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4)
SIZE:15⅜x7¾x23½; WT: 70 LBS. LESS CRYSTALS
PRICE: USED LESS DYNAMOTOR $49.50



R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO, ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908,4/5907 AND 1/5903. POWER REQ. 27.5 VDC .6 A.
SIZE: 2½x5x8; WT: 2 LBS. PRICE: USED $9.95



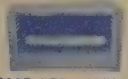
KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7x2½x2¼ SHPG. WT: 5 LBS. PRICE: NEW $34.95

R-196C/ARW-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7⅜x8½x5⅝ WT: 8 LBS. USED $9.95

CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; ALUMINUM WITH HASP FASTNERS AND RETRACTABLE HANDLES. INTERIOR SIZE: 10½w x18L x15D. WT: 18 LBS. PRICE: $10.00

CY-1338/TRC TRANSIT CASE SAME STYLE AS ABOVE,18⅜x 17¾x20½, 29 LBS.$16.00



CABINETS

STK.NO.	H	X	W	X	D	PANEL	DOOR	LBS.	COND.	PRICE
1015/39	10½	x	22	x	15	9½	TOP	25	USED	$8.95
1313/60	13	x	19	x	13	12	"	30	"	$10.00
CY-1693	16¼	x	22	x	14	14	NO	35	NEW	$20.00

OTHER TRANSIST CASES AND CABINETS IN STOCK--WRITE

EQUIPMENT ENCLOSURES

TABLE TOP CABINETS, ALL UNUSED, STEEL CONSTRUCTION WITH GRAY-CRACKLE FINISH.

A-1228, HAS HINGED TOP AND BALL CORNERS. TAKES 9x19 RACK. OVERALL SIZE: 10½x 20½x15; SHPG. WT: 30 LBS. UNUSED, $24.95

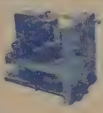
MS-5373, REAR ENTRY STYLE; HOLDS 8x19 RACK. OVERALL SIZE: 9¾x19¼x19¾; SHPG. WT: 25 LBS. UNUSED, $15.95

MS-733 CABINET; TAKES 9x10¾ x7¾ PANEL. OVERALL SIZE: 10¼x12½x8. SHPG. WT: 15 LBS. UNUSED, $8.95

MS-1167, SHORT DEPTH 7x19 x7¾ RACK. OVERALL SIZE: 8¼x20¼x8, SHPG. WT: 17 LBS. UNUSED, $9.95

EQUIPMENT CABINETS

EQUIPMENT CABINETS, MANY SIZES AND STYLES. WRITE US YOUR NEEDS. SEND SASE FOR LISTING.



OSCILLATOR AMPLIFIER ASSEMBLY; WITH 726B KLYSTRON AND 2/717A TUBES THAT WERE DESIGNED TO BE USED IN 2800-3000 MHZ RANGE. WESTERN ELECTRIC ASSY. #D-150815
SIZE: 6x5½x4; SHPG. WT: 7 LBS.
PRICE: UNUSED, $12.95

MAGNET FROM MAGNETRON TUBE L3110-A DOUGHNUT SHAPED MAGNET 6x6x3, WITH CUT-OUTS ON EACH SIDE, WAVEGUIDE OUT LET 2x3¼,GOLD PLATED, ASSY: WT 10 LB NOT SOLD AS USEABLE TUBE. $15
0-444/ALT-6B OSCILLATOR W/ABOVE TUBE & 27VDC AIR PUMP.3000-4000MHZ. $25.

ELECTRIC MOTORIZED WHEEL

ELECTRIC MOTORIZED WHEEL WITH 6VDC MOTOR & HEAVY DUTY GEAR BOX, REVERSIBLE APPROX. 50 RPM NO LOAD,1 AMP. 3 AMP. LOADED, 6 AMP STALL. RUBBER TIRED WHEEL 5"x1½", TOP OF FORK TO BOTTOM OF WHEEL 6½", 2½ x 5/8" CUP TOP OF FORK AND 6¾x3/4" TUBING ABOVE CUP. ALL METAL CONTRUCTION INCLUDING GEARS EXCEPT MOTOR ENDS ARE HIGH IMPACT PLASTIC & TIRES. NET WT.3LBS
PRICE: $7.95 EA.2 FOR $15
NO. 6VCD-P HAS MANY USES
EQUIPMENT DOLLY,WHEEL CHAIR, CAR,FISHING REEL

NOISEGUARD

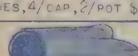
NOISEGUARD HEARING PROTECTORS USED TO REDUCE NOISE LEVEL IN HIGH NOISE LEVEL AREAS. LIGHTWEIGHT ASSY WITH ADJUSTABLE HEADBAND. W/INSTRUCTIONS. #FM-2011 NEW 1 LB. $4.95

SILICON DIODES

SILICON DIODES ; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE.
SILICON FULL BRIDGE, APPROX 100v. 5 A. S/T#S5578-2 $1
2C8R w/4/1N3208,4/1N3208R, 2/TIERED MTG4x4x2$2.75
3C12R w/4/1N3208,4/1N3208R, 2/1N3209,2/1N3209R, 3-TIERED MTG4x4x4$4.25
1C1T 2N1557,90 WATT,40 v 15 AMP ON 3x4½" HIGH COOLING HEAT SINK $1.50

BAJ8 2/1N3212,2/2N686,(25 A. 250 PRV)4½x6x1 $3.50
D1190 4/1N3208,1/1N3208R,1/3209,1/1N3212, PLUS 10/RES,4/CAP,2/POT $3

O-SCOPE VIEWING HOOD;



FITS OSCILLOSCOPE WITH 3" CRT. 11¼" LONG; BLACK RUBBER. MX-40A/APS-4, UNUSED, $3.

COPY LENS w/8" FOCAL LENGTH,F5.6 APERTURE. COATED LENS HAS 4 ELEMETS MAGNAFIES APPROX. 3x. SIZE 2-1/8x2¼; WT. 12 OZ. EDNALITE # 245 NEW $3.95

TRAVELING WAVE TUBE

THE TRAVELING WAVE TUBES LISTED BELOW ARE USED COMPLETE, NOT CHECKED,NOT GUARANTEED. (EXPERIMENTER'S ITEM)

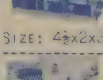
ZM-3480 VARIAN TWT WITH DC-DC INVERTER POWER SUPPLY, OPERATES FROM 115 v. 48-420 HZ. HAS POWERFULL DISC MAGNETS THAT CAN BE DISMANTLED. SIZE:13x3; 12 LBS. $10.00

WJ-295 WATKINS JOHNSON TWT LOW NOISE AMPLIFIER 2.0-4.0 GHZ WITH INVERTER DC-DC P.S. FOR USE ON 115 v. 48-420 HZ OUTPUT 600 VDC,150 VDC,-100 VDC & -30 VDC. HEAVY DISC MAGNETS. 10x3; 7 LBS. $10.00

TWT'S LISTED BELOW DO NOT HAVE ANY POWER SUPPLIES OR MAGNETS. NO ADDITIONAL DATA.

SPERRY STC-279	12x1½	$5
MICROWAVE M5217	13x1	$5
HUGHES 333H	9 x3	$5
HUGGINS M5057A	17x1.5	$5
RAYTHEON QKB994	8x2,5	$5
MICROWAVE 10300	15x1	$5
RCA PS296001/4033		$5

ALL ABOVE TWT APPROX. 5 LBS.



BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V
SIZE: 4½x2x3¼; 1 LB. $1.50

351-1013 3.5 TO 27 MMF, 13 PLATE SIZE: 1-5/8x1¼x 1-5/16, SHAFT 1½x3/16. $.75

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE:7x3½x3½; WT: 10 LBS. #881 $3.95 USED

TRANS. CAPS.

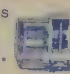
5910-193-8025 3 GANG 8-50 MMF 2000 VDC, ROTOR SECTION INSULATED FROM EACH OTHER. SIZE 3½x2¾x6½; 2 LBS. $6.95

RBF-3-14A162 1 GANG 10-135 MMF 2000 VDC 3½x2¾x2 $2.95

DIFFERENTIAL VAR. CAP., 7-75 PF EACH SIDE, .03" AIR GAP; 1x1½x1½, 5/8x¼" DIA. SHFT. #3D9075V-37, $1.95

VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 $ .79

LM FREQ. METER,LESS TUBES,CRYSTAL,WITH VAR. CAP.,11.5-160 MMF & DIAL USEABLE. BALANCE(AS-1S) $10



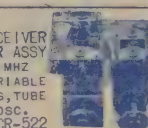
VARIABLE CAPACITOR, 10-150 PF, 0.05" AIR GAP; 3x2¼x2¼, 3/8x¼" DIA. SHFT. WITH THREE ¾" FRONT MOUNTING POSTS. #P717517, NEW, $3.95

#48B083C; 10-106 PF; .02" AIR GAP; 1½x¾x1½, SHAFT: 1x¼" DIA. UNUSED, $1.50

#667-7431; 10-140 PF; 1¼x 1-1/8x3¼, 1x¼" DIA. SHFT. MILLEN 21140, UNUSED, $2.95

#C-221/T-195; 13.5-77.8 PF ONE GANG, 17-99.6 PF THE OTHER. APPROX. 3 KV. SHFT: ¾x¼" DIA. 5¼x1½x3¼, $3.95

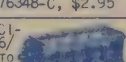
BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP.,COILS,TUBE SOCKETS. OSC. SEC.P/O SCR-522 5x5x5; WT: 7LBS 2ZK11150 USED $3.95/N $5.95

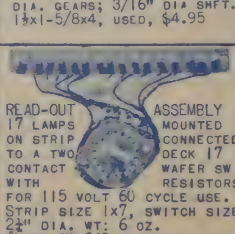


RF-OSCILLATOR TUNING CAPACITOR F/ MARK II RECEIVER; 4-GANG, 0-530 PF/GANG. 3¼x1¾ x6, 5/8x5/8" DIA. SHAFT. #76330-C, USED, $4.95

TANK TUNING CAPACITOR FROM MARK II; 1-GANG, 0-563 PF. 0,03" AIR GAP; 3¼x2x1¾, 1x¼ DIA SHFT. #76348-C, $2.95

TUNING CAPACITOR F/RT-176/ PRC-10, 38 TO 54.9 MHZ; 5-GANG, 5-33 PF/ GANG. WITH 1½" AND 5/8" DIA. GEARS; 3/16" DIA SHFT. 1½x1-5/8x4, USED, $4.95





READ-OUT ASSEMBLY
17 LAMPS ON STRIP TO A TWO CONTACT WITH
MOUNTED CONNECTED DECK 17 WAFER SW RESISTORS
FOR 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2¼" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. $1.50 EA. 4 FOR $5.

TRANS. CAPS.

DUAL 4-30 MMF 1000 VDC 1½x 1½x2, SHAFT ¼x¾ P/O BC-640 CARDWELL 430/1M REM $2.95

DUAL 5-25 MMF 2000 VDC 1½x 1½x4¼ SHAFT ¼x⅝ P/O BC-640 CARDWELL 525/2M REM $3.95

DUAL 4-20 MMF 2000 VDC 1½x 1½x3 SHAFT ¼x¾ P/O BC-640 CARDWELL 420/2M REM $3.95

DUAL 4-50 MMF 1000 VDC 1½x 1½x3 SHAFT ¼x¾ P/O BC640 CARDWELL 450/1M REM $2.95

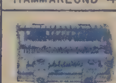
SINGLE 10-106 MMF 1500 VDC 2x2x2¼ SHAFT ¼x1¼ P/O BC640 JOHNSON 155-4-4 REM $2.95

SINGLE 8-54 MMF 1500 VDC 2x2x2 SHAFT ¼x1½ P/O BC-640 JOHSON 155-2-2 REM $2.95

SINGLE 10-24 PF .04" AIR GAP; 1-5/8x1¼x2, ½x¼" DIA. SHFT. #KS-8923, $1.50

DUAL 6-22 MMF 1500 VDC 1x1¾ x2¾ SHAFT 3/16x¼ TELERADIO 622/15M NEW $1.95

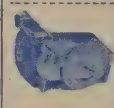
DIFFERENTIAL CAPACITOR 150-300 MMF 500 VDC 1¾x1⅝ x5¾ SHAFT ¼x¾, BRASS PLATES HAMMARLUND 4111-79 REM $7.



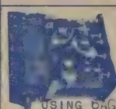
VARIABLE CAPACITORS 100 WATT SIZE: 4½x2x3 SHAFT 3/8x1/4

P-7761569	23 TO 111	MMF
M-7463006-1	22 TO 118	"
T-7660443-4	19 TO 116	"

WT: 2 LBS. REM $1.95 EA.



COMMAND TUNING F/TRANSMITTER 35-150 MMF 2000 VDC W/GEARTRAIN 4x2½x3, 1 LB. 2C6397/C8 $1.95

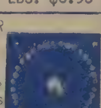


PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OF RF, MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES.)FOR USE WITH 30 MC I.F. SIZE:6x5¾x4; 5 LBS.USED $5

GR PRECISION VARIABLE CAPACITOR 30-220 MMF,1000 VAC,SHAFT 5/16x ¾ IN ALUM. CAST ING 4¾x5x5½; 6 LBS. 4 HOLE MTG.5910-667-6732 $9.95

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER FREQ. RANGE 8-12 MHZ.CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS,2/RES. 1/DPDT SW. 1/DIAL,2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE:2x8½x4½; 4 LBS. $3.95

AUDIO OSCILLATOR BASIC ASSEMBLY; CONTAINS 24 12 MMFD CERAMIC TRIMMERS,21 TEMP COMP. CAPACITORS & RESISTORS. WHEN USED WITH 2/6SJ7 TUBES & ASSOCIATED PARTS IT WILL PRODUCE A FREQ OF 425-2295 HZ IN 12 STEPS OF 170 HZ EA.# DIV. REC-26 SIZE:5½x5x4¼; 5 LBS. $4.95



RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO-OSCILLATOR USE WITH SHAFTS.

#48842 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1x¾ $1.00

#66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1x¾ $1.00

#330V020-H02 DUAL 10-90 & 14-140 MMF 1¼x1¼x1 $1.25

#CHC481060; 8-20 PF, 1½x1½ x1¼; ½x¼" D. SHFT. $1.25

#330V030H02 DUAL 10-100 & 12-250 MMF,1½x1¼x1¾ $1.50

#330V010H04 DUAL 10-100 & 12-365 MMF,1½x1¼x1¾ $1.95

#M-C6225 3 GANG 10-365 MMF 1½x1¾x3¼ $3.95

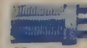
#666-7837; 10-281 PF; 3¼x1½ x1¾; 5/8x¼" D. SHFT. $3.95

#124-260; 15-245 PF; 1¾x1½ x2¼; ⅝x¼" D. SHFT. $2.95

3D9200V-19 4 GANG, 14-200 MMF 3¼x1⅝x4¾ $4.50

5910-193-8004 5 GANG, 20-402 EA. SEC. 2¾x3¼x5¾ $4.95

AIR PADDER CAP



ALL PADDER CAPS. REQUIRE SCREW-DRIVER ADJUST.

351-1054	2-8 PF	49¢
D3535	2-20 PF	49¢
CA-253	3-70 PF	49¢
CTN48785	5-17 PF	49¢
KS36534	10-49 PF	49¢
SBL72265-2	8-32 PF	49¢
CTN481426	22-104 PF	79¢
406409	8-118 PF	79¢

JOHNSON #189-6-6; 1.8-13 PF 650 V. 7/16x7/16x9/16, 89¢

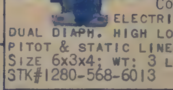
JOHNSON #T2-16; 1.9-15.7 PF 325 V. 9/16x5/16 DIA., 89¢

#3D9006V-7 DIFFERENTIAL, 3-6 PF, .045" GAP; 1¼x1x2, 1¼x¼" D. SHAFT. NEW, $1.95

COMPRESSION-TYPE MICA TRIMMER CAPACITORS, ASSORTED VALUES, FIVE FOR $1.00

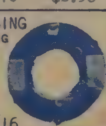
XMITTING VARIABLE CAPACITOR, TWO GANG, 30-180 PF/ GANG. 0.031" AIR GAP; APPROX. 10 KV. RATING. SHAFT: 1¾x3/8" DIA. 7x4½x13½; SH. WT: 15 LBS. #KS-13987L USED, $21.95

XMITTING VARIABLE CAPACITOR 100-750 PF, 87 PLATES. AIR GAP: 0.1", APPROX. 4 KV. SHFT: 1½x¼" DIA. 3¾x2¼x13¼; 8 LBS. #KS-13986L, $16.95



PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 $3.95

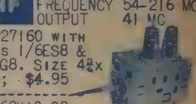
MAGNETIC FOCUSING YOKE WITH 2 MAGNETS MOUNTED IN RING, RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE, MAGNETS 5/8"x⅛x9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR $1.00



T.V. TUNERS

UNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED.

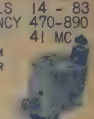
VHF CHANNELS 2-13 FREQUENCY 54-216 MC OUTPUT 41 MC



URC#27160 WITH TUBES 1/6ES8 & 1/6CG8. SIZE 4¾x 3½x4; $4.95

URC#63K10-03 WITH TUBES 1/6KZ8 & 1/3GK5 SIZE: 2x2½x3½. $5.95

UHF CHANNELS 14 - 83 FREQUENCY 470-890 MC OUTPUT 41 MC

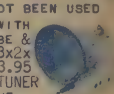


URC#34834 WITH 1/2DZ4 TUBE OR EQUIVALENT. SIZE:3¼x3¼x2. $4.95

URC#86712 TRANSISTORIZED SIZE:1½x2½x3 $3.95

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC
FM FREQUENCY 88 - 108 MC
UNITS HAVE NOT BEEN USED



F.M. TUNER WITH 1/ 12DT8 TUBE & DIAL. SIZE 3x2x URC#462 $3.95

A.M. & F.M.TUNER SAME AS ABOVE URC#2H02 $4.95

A.M. & F.M. TUNER WITH 1/ 12DT8 TUBE NO DIAL 3x2x1 URC#7H02 $3.95

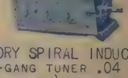
F.M. TUNER WITH 1/6AQ8 TUBE,NO DIAL, 3x2x1 URC#4H02 $2.95

MORE VARIABLE CAPACITORS P.6

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4½x3 WT: 4 LBS. UNUSED $9.95

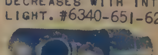
LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2½x3½ WT: 3 LBS. PRICE: UNUSED $6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4½x4 WT: 4 LBS. UNUSED $8.95

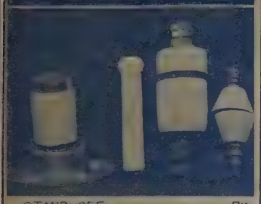


MALLORY SPIRAL INDUCTUNER, THREE-GANG TUNER .04 TO .70 uHY (APPROX.) PER SECTION. 19 TO 75 MHZ RANGE WHEN PLACED IN PARALLEL TO 100 MMF. PROVIDES ACCURATE, NOISE-FREE OPERATION AND ELIMINATES USE OF SWITCHING COILS, BAND SWITCHES, ETC. SIZE: 5x2x2; SHAFT: ¾"LX¼" DIA. #B-10-77, $8.95

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG.MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE ¾x3 $2.95



INSULATORS



STAND-OFF, CROWS FOOT, 7" Hx1½ D.CAST BASE, 2½ CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 $4.00
SIMILAR, ABOVE 3" 3.00
" " 10" 7.00

IN-86 STRAIN INSULATOR 4½" LONG, ¾" DIA. MAYBE ROUND OR SQ. 59¢ EA. 2 FOR $1.00

STK.#INS.1014; FEED-THRU 4" LONG ⅜" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

CONE 1" BASE 1-1/8 H, ⅜"T 10-24 THREAD. #CSJ-61028 35¢ EA. 4 FOR $1.05

STK.#INS.#1015; FEED-THRU BRASS BOLT 6¼" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR ⅜" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3¾x2, WT: 2LB. $2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. x1¾ DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS ¼LB. 25¢ EA. 5 FOR $1.00

"D" CELL BATTERY HOLDER WITH SILVER-PLATED CONTACTS. 2 BATTERIES SECURELY HELD BY CLIP-LATCH COVER. MOUNT UPRIGHT. 3x2 x3¼. #BH2172, REMOVED-$1.50

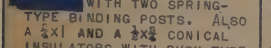
INSULATOR ENTERING TYPE, CERAMIC BOWL 2½x2, PLATED MTG. RING 3¾" 6 MTG. HOLES, 4" 4" BOLT THRU. CENTER 1/4x20. STK#CBJ61023

INSULATOR ENTERING CERAMIC BOWL 4-3/8 H, 7" DIA. 59¢ 2 FOR $1.00

BASE MTG. 8¾" DIA. 2 RINGS 1-3/32 THICK, OTHER 3/16" W/ 6, ⅜" NUTS, 2¾" BOLTS, BELL CAP 6" DIA. W/11⅜" 3/8" ROD THRU CENTER W/NUTS #3G1830-67076/77 $5.00 EA

STAND-OFF INSULATOR H-1¾, B-1¾, A-¾, 1/4" BOLT REQ. 1¾" MTG HOLE #PP-1048 NO HARDWARE 3 FOR $1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3½x4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A ¾x1 AND A ¾x¾ CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED $1.00



VACUUM CAPACITOR 3 MMFD 15 KVDC ±10%; WITH CONNECTORS. SIZE: 5/8"x4", 8 OZ. JENNINGS TYPE Y-3 $1.50

STAND-OFF'S

STAND-OFF INSULATORS, CROWS FEET TYPE. BRASS AND PLATED BRASS BASES AND TERMINALS.

D=DIAMETER
H=HEIGHTH
M=MOUNT BASE HOLES' CENTER DISTANCES
ST=SCREW TERMINALS
CT=CLAMP TERMINALS

#B-H3-DI.25-ST3, BROWN CERAMIC; M=2.25". TERM. CAP SIZE: 7/8x1-5/8" DIA. SHPG. WT: 2 LBS. $2.75
#B-H4-DI.25-ST2, WHITE; M-2.25". TERM CAP: 1x1-5/8" DIA. 3 LBS. $3.25
#XW-H5-DI-ST, WHITE; M-2.25 TERM CAP: ½x1" DIA. $3.00
#W-H5-DI.25-ST, WHITE; M-2.625". TERM CAP: 3/8x1¼" DIA. 3 LBS. $3.75
#B-H5-DI.25-CT, WHITE; M-2.25". TERM CAP: 1x1-5/8" DIA. 3 LBS. $4.00
#BL-H6-DI.25-ST2, BLACK PAINT ON BRASS; M-2.625" TERM CAP: 1⅝x1½" DIA, SHPG. WT: 4 LBS. $4.25
#W-H6-DI.75-NTTH, WHITE; M-3.75". NO TERM CAP; THREADED. 5 LBS. $4.50
#B-H7-DI.25-ST, BROWN; M-2.25". TERM CAP: 5/8x1-5/8 SHPG. WT: 3 LBS. $4.75
#W-H8-DI.75-NTTH, WHITE; M-3.75". NO TERM CAP; THREADED. 6 LBS. $5.25

PORCELAIN STAND-OFF INSULATORS, SCREW THREADED.
#P-4H-.75D, 8-24 THRD, $.50
#P-5H-.75D, 8-24 THRD, .65
#P-6.75H-1D, 10-24 THR, .85

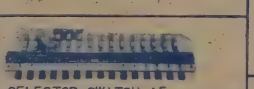
3 DIGIT COUNTER, VEEDER MFG. ¼" DIA. GEAR SHAFT; ⅜" DIA. EXTERIOR SHAFT CAN BE GROUND TO ⅜". OVER-UNDER MOUNTING. 2⅜x1⅞x4⅜; BC-1323 COUNTER $1.00

TELEPHONE JACK STRIPS

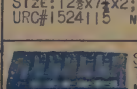
#4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A: $1.95

#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 $2.50

#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO#92 TYPE139 $1.95



SELECTOR SWITCH 15 BUTTON, MAKE ONE BREAK ONE, RELAY RELEASES ALL BUTTONS WHEN ACTIVATED. 115 VAC OR 24VDC SIZE: 12⅜x7⅞x2; WT: 7 LBS. URC#1524115 NEW $3.95



SIX PUSH BUTTON SWITCH, MAKE & BREAK EA. SIDE, EA. SW. AUTO-RELE SIZE 4x5x3/4 W/TERM. BD. #6105-901-6365 $3.95

MICRO SWITCHES

SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250v. 2x¾x5/8 $.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2x1x¾ .30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1" x5/8". .30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2x1x¾ .50

HR07-1P SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. $.75

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2⅛"x2"x1" $1.50

DXGB-5 SP NORMALLY OPEN, MOUNTED IN HEAVY FRAME. ½" PLUNGER 2⅜x2⅜x2¼ $1.00

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2x1x¾ .30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE ¾/½" TAP CONDUIT HUB; 17/8.5A 125/250v. PUSH PLUNGER; 2⅜x2x1 .75

WZ2RW80-D5 SP NOMALLY CLOSED 3" LEVER, 2x3/4 SW. 60¢

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x¾"x⅜". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x¾"x5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x ¾"x5/8". .40

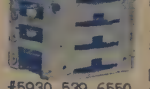
SPST; MO7-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x¾"x5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x¾"x5/8". .40

V3 MICRO-TYPE 10 A. 125/230 A.C. SIZE 9/16x1x3/8
V3-21 SPST NORMALLY CLOSED.
V3-23 SPST " OPEN
V3-1 SPDT 1/S NO 1/S NC
V3-21 & 23 35¢ V3-1 50¢

E4-78 MINITURE ELECTRO SNAP 3/8x3/4x1/4 40¢

YZ-3RLTC SPST NO 15 A. AC. LEVER TYPE ¾x2x5/8 40¢



THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION SIZE 2⅜ x2x⅜, PRICE EACH SECT. 65¢ BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

PUSH SWITCHES

FOUR SPST N.O. PUSH-BUTTONS ON 3"x3" CHROMIUM PLATE. TWO COMMONS; TWO BUTTONS PER COMMON. USED. #PSW4-2C, 85¢

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

MICRO-SW. SPDT, 1" RED BUTTON, 15 A.A.C MTG. HOLES 1⅜" CENT. 2⅜x1x1 #71BP2 $2.00

DPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

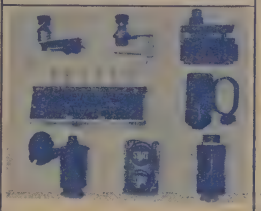
SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASING AS GROUND; ½" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST, NORMALLY OPEN PSW010 .35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-S67 .65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39



3PST PUSH SWITCH, MAKE 3/ BREAK 3. ¾x5/8x3¼" DEEP. #PSW-5376, .50

FIVE-PUSH SWITCH 2PST NORM. CL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW5022 $1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4¾"x2¾". PSW017 $1.00

SPST PUSH-LEVER SWITCH. 3 5/8"x⅜"x⅜". PSW022 .35

MOTOR STARTING SWITCH HEAVY DUTY F/STD. GEM BOX MTG. RED/BLK BUTTONS, 1 NO 1 NC. #5930-548-8953 $1.50

DPST, MICRO SW., NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1⅞x1⅞x1⅞ CR1070C103 .50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO.CL. 5x2x1½;#855-151 $1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS $ TOGGLE SWITCH. 6x4x3; 2LBS. $1.95

SWITCHES

AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR	CON	RATING	NO	PR
SPST	NEW	5/125	B-15	.65
ABOVE MOMENTARY N/CLOSED				
SPDT	REM	15/125	3022-7	.35
(ABOVE CENTER-OFF, MOM.)				
SPDT	NEW	15/125	B-1B	.30
SPDT	REM	5/125	B-7A	.55
(CENTER OFF, MOM ONE SIDE)				

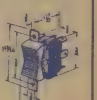
TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR	CON	RATING	NO	PR
SPST	REM	8/125	8817K2	.35
(ABOVE SWITCH MOMENTARY)				
SPST	REM	6/125	SW-105N	.30
SPDT	REM	8/125	ST-13D	.25
("ON" BOTH SIDES)				
DPST	REM	3/125	7463954	.25
DPST	REM	15/125	ST-50K	.40
DPDT	REM	3/125	SW3125	.30
DPDT	REM	5/125	ST-22R	.35
SPST	NEW	15/125	SW3115	1.00
4PST	REM	15/125	7661K5	1.00

BARKELEW DPDT SWITCH, PICTURED ABOVE, FAR RIGHT. 15 AMP 125 VOLTS AC. WITH FRONT MTG. SIZE: 5x6x1½ WT: 1 LB. UNUSED $1.50

ROCKER SWITCHES



0319 SPST 39¢ 3 FOR $1.00

0348 DPDT 59¢ 2 FOR $1.00

0320 SPDT MOMENTARY BOTH SIDES. 65¢ EA. 2 FOR $1.20

0347 DPDT MOMENTARY BOTH SIDES. 80¢EA. 2 FOR $1.50

PUSH BUTTON SELECTOR WHITE BUTTONS, 1 THRU 4 SEPARATE CONTACTS, 5,6,7 MAKE 2,3,4 RESPECTIVELY W/ COMMON. RED BUTTON RELEASES ALL. RATED @ 120/240VAC 8/ SIZE:4⅜x1½x2¼; WT: 2 LBS. GE#ASP8128-417 UNUSED $.75

LEVER SWITCHES

1273 #K-22 #K-1100 RM5741A

TELEPHONE TYPE LEVER SWITCH

6 MAKE ONE SIDE-CENTER "OFF" 6 MAKE OTHER SIDE; REMOVED. #HAC4803 $.60

4 CIRCUIT EA. SIDE NORMALLY OPEN #3Z9818-9.1 50¢ EA.

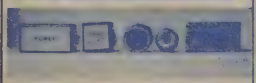
1 SIDE 8 BREAK 8 MAKE 4 MAKE OTHER 1 BREAK #SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE 2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢ 1 SIDE DPDT NC & DPST NO.

MINIMUM ORDER $5.00

PUSH-TO-TEST



PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES

KORRY 260 PUSH-TO-TEST INDICATORS, DOUBLE LAMPHOLDER WITH MINIATURE BAYONET BASES. 1¾"WX¾"HX2⅝"D. NEW. CHOOSE FROM THESE LENS INSCRIPTIONS: POWER, AC POWER ON, AMPLIFIER POWER, 28 VDC. OR 24 VOLTS DC. $1 EA, 3/$2

KORRY 260 INDICATORS WITH ROCKET LAUNCH-RELATED INSCRIPTIONS: LN_2 OVERFLOW; LN_2 LOWER LEVEL; LN_2 UPPER LEVEL; 100% LIQ OXY; LIQ OXYGEN FINE; 1200 PSI AFT SPHERES; JET PRESSURE; 11°C THERMOSTATS; ERECTOR; IGNITOR; COOLANT VENT VALVE; HYDRAULIC ACTUATOR TEST POWER; LOX VENT VALVE; 750 PSI SUPPLY LOW; STBY HEATER COMMAND; 400 CPS DRIFT TIMER, 75¢ EA. OR 4 FOR $2.00

ASSORTMENT OF ROCKET LAUNCH INDICATORS, NO CHOICE, 6/$2

KORRY 136 PUSH-TO-TEST INDICATORS, SINGLE LAMPHOLDER WITH MINIATURE BAYONET BASE ¾"WX¾"HX2½"D. INSCRIPTIONS: STANDBY; POWER ON; OVERLOAD; LOW; MALF. 65¢ 2/$1.

KORRY 103 INDICATOR, PUSH-ON RED PLASTIC CAP; PLASTIC BODY. 5/8" SINGLE HOLE MOUNT. #5167, 50¢ EA. 3/$1.

KORRY 204, DOUBLE LAMPHOLDER WITH MINIATURE BAYONET BASES; 1¾"WX¾"HX2⅝"D. AMBER INSCRIBED: CHECK FULL RPM. UNUSED, 50¢ EA. 3 FOR $1.

KORRY 261, DOUBLE LAMPHOLDER WITH MIN. BAY. BASES; 1-5/8"WX13/16"HX½"D. COVERS NOT AVAILABLE. 4/$1.00

PUSH-TO-TEST INDICATOR w/ MINIATURE SCREW BASE. RED 7/16" DIA. JEWEL; MOUNTS IN ¾" HOLE. 1-5/8" LONG. #VM-500-2, USED, 50¢ EACH.

BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO ½" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: $.39EA

B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8"x7/8"

D. LH62BY2. ½" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2¼"x1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28v. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. ½x1¾
6220-333-5827 $.50

PILOT LIGHT JEWELS

RED, FACETED. ½" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
TYPE 81 $.15 EA.

SMOOTH RED JEWEL ½" IN DIAMETER. SCREWS INTO A ½" ASSEMBLY.
SERIES F $.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
2Z5368/1 $.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
4C1971 $.15 EA 100/$10

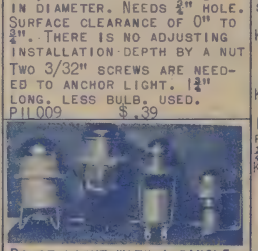
SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
PIL010 $.15 EA 8/$1.00

SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES. IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110v.
PIL007 $.25 5/$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIESS T-1¾ BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
6210-643-4087 $.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
PIL008 $.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL ¾" IN DIAMETER. NEEDS ¾" HOLE. SURFACE CLEARANCE OF 0" TO ¾". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1¾" LONG. LESS BULB. USED.
PIL009 $.39



PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO ½". 2 3/8" LONG. LESS BULB. UNUSED.
PIL002 $.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO ½". 2¾" LONG LESS BULB, UNUSED.
PIL003 .59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. ½" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO ¼". 2 1/16" LONG. LESS BULB, UNUSED.
PIL004 .49

LAMP HOLDERS FOR 327 LAMPS ⅜" HOLE MTG.

FLAT TOP LENSE 3/8 DEEP, VARICUS COLORS AND NUMBERS. PLAIN LENSE RED, AMBER, GREEN YELLOW, NUMBERS 1 TO 9
#6210-617-0934 PLAIN $.45
NO. 35¢ 327 LAMP $.39

NEON CYLINDRICAL TYPE LITE
#3509 115v 100K 3/8x1⅜"
LLDEMA V W/RES. 3/8x1½"
#2685 28v .04A 1/4x7/8

OBLONG SLIP IN TYPE NEON 1/2x1-3/8" 125v. #3100 USED
ALL ABOVE 3 FOR $1.00

FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR ¼" SHAFT GR#9682 $1.00

2-3/8 FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR ¼" SHAFT. GR#9566 $1.00

1¼" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-C-34R. BRASS INSERT FOR 3/16 DIA. SHAFT.
KNBN002 $.25

1" DIA. FLUTED KNOB WITH 2¼" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH ¼" DIA. HOLE.
KNB003 $.25

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; FITS ¼" SHAFT. URC# S-649, $1.25 NEW

1½" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR ¼" SHAFT.
KNBN005 $.25

1½" FLUTED KNOB WITH BRASS INSERT FOR ¼" SHAFT.
KNBN006 $.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR ¼" SHAFT.
KNBN007 $.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR ¼" SHAFT.
KNBN008 $.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT.
KNBN009 $.79

2¼" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT.
#8089 NEW $2.00

MAKE ANY FLAT KNOB A SPIN 1¾" ADAPTER WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER #2Z5816-3 $1.00

1-5/8" DIA. METAL SPIN KNOB F/¼" SHAFT. URC#KN02, $1.50

1¼" DIA. FLUTED KNOB W/1¾" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN04, $.50

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN03, $.75

2-3/8" DIA. FLUTED KNOB W/3/8" POINTER; FITS 3/8" DIA SHAFT. #LUXITROL, $1.50

1-5/8" DIA. PLASTIC KNOB WITH 2¼" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR ¼" SHAFT.
#9414 NEW $1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1½" DIA. SKIRT. BRASS INSERT FOR ¼" SHAFT.
#9347 NEW $.50

1" DIA. PLASTIC KNOB WITH 1½" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. ¼" HOLE.
#5312 NEW $.50

BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR ¼" SHAFT. 1¾"x¾"x5/8". SET SCREW TYPE.
KNBN012 $.25

BAR TYPE BAKELITE KNOB FOR ¼" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1¾"x½"x5/8".
KNBN013 $.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1¾"x½"x5/8". WITH BRASS INSERT FOR ¼" SHAFT. SET SCREW TYPE.
KNBN014 $.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR ¼" SHAFT TAPED FOR SET SCREW. 2"x¾"x½".
KNBN015 2/$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1¾"x5/8"x½".
KNBN016 $.25

BAKELITE BAR TYPE KNOB 1"x ½"x½" ON 1¾" REMOVABLE DIAL FOR ¼" SHAFT. SET SCREW.
KNBN017 $.25

1¾" DIA. METAL KNOB FOR ¼" SHAFT WITH TWO SET SCREWS. FINGER GRIPMKNOB FOR HEAVY SWITCHING APPLICATIONS.
KNBN018 2/$.35

HAMMARLUND DIAL #31227-3 2¼", 1-5/8" KNURLED KNOB WITH SKIRT DIAL MARKED 10-0 SILVER EDGED #E9821 $1.50

1¾" BAKELITE KNOB FOR USE WITH ¼" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1⅜" HIGH.
KNBN020 $.25EA. 5/$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/¼" SHAFT DULL BLK.KNB7820 35¢

5/8"x3/4" SAME AS ABOVE BRIGHT BLK.KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR ¼" SHAFT AND SET SCREW.
KNBN022 $.25

1¾" KNOB MARKED "INCREASED OUTPUT", ¼" HOLE WITH SET SCREW. ⅛" THICK, METAL.
KNBN023 $.25

1¾" PUSH-ON KNOB FOR ¼" SHAFT. W/MODIFICATION, BROWN
KNBN024 2/$.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF ¼". ⅜"HIGH.
KNBN025 2/$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR ¼" SHAFT. 1¾"x1"x¾".
KNBN026 $.25

MATCHED KNOBS, ROUNDED EDGE W/4 SETS OF 4 HASH RIDGES, LOOKS LIKE OLD HAMMARLUND. #E5168 2¾" $3 #E5570 1⅜" $2

HALLICRAFTERS, WITH BIG 1⅜" DIA. ARROW & GRIP BAR. H#81014 NEW $1.00

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA	PKG. 10
2Z5950	LM-50	2	.25	MIN SC.	G-6	.20	.75
2Z5950	511	2	.25	MIN SC.	G-6	.20	.75
6B521	LM-21	110	400	MED SCC.	G-30	.50	4.00
	(LM-21 P/O SIGNAL LAMP EQUIPMENT EE-80)						
6240-6594	LM-41	110	6W	CAN SC.	#8	.20	1.50
6Z6806.6	TS87	6-8/15CP		CAN/BAY	S-8CL	.35	3.00
2Z5985.2	351	1.3	.1	MIN BAY	G3½	.15	1.00
8870-775		150		CAN SC.	6S8 CL	.20	1.00
2Z5954	LM-54	105-125		LEADS	T-2	.20	.75
PR-6	LM-35	2.5	.3	FLASHLIGHT-2D		.15	1.00
6240-7126		55	5W	MED SC.	S-14	.25	2.00
DE EVRY494	(RED)	125	25W	CAN SC.	T-6	.25	2.00
2Z5949	LM-49	28	1.7	MIN BAY	T3¼	.25	2.25
6240-3394	3S6/5	115		DC BAY	T-4½	.25	1.75
	502	5	.15	MIN SC.		.20	.75
PR-10	FLASHLIGHT	6	.5	5D CELLS		.15	1.00
	480	22	.55	MIN SC.	G-6	.30	2.00
2Z5882		18	.11	MIN SC.	T-3¼	.20	1.00
6Z6827	LM-30	27	.1	CAN BAY	T-8	.20	1.00
	NE-2	1/17		AMP 2F	SLIDE BASE	.10	.75
	4C5491-K1			K1 SLIDE BASE		.10	.75
#47 BULBS	6.3 V	.15 A.		MIN. BAY.	T-3¼	.20	10/$1.

SEALED BEAM

MARINE TYPE 600 WATT 28 VOLT GE Q600 PAR 36/1 SCREW TERMINALS
PRICE: $6.00 EA.
WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN/WREAT BULB.
6220-333-5827
59¢ EA. 2 FOR $1

FR-5 FREQUENCY METER

FR-5/URM-80 FREQUENCY METER, COVERS 10 TO 100 MHZ IN BANDS OF 10-21.7 MHZ, 21.7-46.7 MHZ, AND 46.7-100 MHZ. USES VARIABLE TUNED INTERPOLATION OSCILLATOR PLUS A FIXED HARMONIC OSCILLATOR TO DETERMINE AN UNKNOWN FREQUENCY. AUDIO OUTPUT: 1 MW INTO 600 OHMS. RF INPUT IMPEDANCE: 100 OHMS. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 12½x19½x15, SHPG. WT: 95 LBS. USED, REPARABLE, $75.00; CHECKED, $105.00 MANUAL F/FR-5, $8.50

FR-4/URM-79 FREQUENCY METER, 100 KHZ TO 20 MHZ IN SEVEN BANDS. USES INTERPOLATION OSCILLATOR AND OSCILLOSCOPE (2BP1 CRT) TO HELP DETERMINE UNKNOWN FREQUENCY. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 15/x19x18, SHPG. WT: 100 LBS. USED, REPARABLE, $65.00

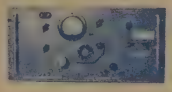
AUDIO OSCILLATOR

TS-382* AUDIO OSCILLATOR, 20 HZ TO 20 KHZ IN FOUR BANDS. OUTPUT: 0 TO 10 VOLTS ACROSS 1000 OHMS. WITH BUILT-IN 60 AND 400 HZ REED FREQUENCY METER. SIZE: 10x12½x8½, SHPG. WT: 50 LBS. NET: 40 LBS. PRICE: USED, REPARABLE, $49.50. CHECKED, $65.

TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPARABLE, $60. CHECKED, $75. TRANSIT CASE F/TS-382F, USED, $10.00.

TS-117/GP WAVEMETER

TS-117/GP WAVEMETER TEST SET DESIGNED FOR FREQUENCY MEASUREMENTS BETWEEN 2400 AND 3400 MHZ. USED TO MEASURE MICROWAVE ANTENNA RADIATION, LOCAL OSCILLATOR FREQUENCIES, RELATIVE FIELD STRENGTH, AND RELATIVE OUTPUT. UNIT HAS A Q FROM 1800 TO 2000. INCLUDES 0-50 U-AMP CRYSTAL CURRENT METER, SENSITIVITY VERNIER, AND FREQUENCY MICROMETER WITH CONVERSION TABLE. WITH ACCESSORIES AS-23 DIRECTIVE ANTENNA, UG-183 CABLE, UG-57 AND UG-131 ADAPTERS AND TRANSIT CASE. USES TYPE N CONNECTORS. SIZE: 5x6x3, SHPG. WT: 15 LBS. USED, COMPLETE, $34.95; LESS ACCESS., $24.95



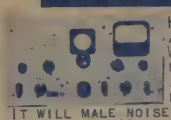
SG-92 SWEEP GENERATOR, 50KHZ-1000MHZ SWEEP RANGE 0-30MHZ MAX. SWEEP RATE 50-100 HZ CAN BE SYNCHRONIZED AT 60 HZ. SWEEP OUTPUT UP TO 20 V. RF OUTPUT IMPEDANCE 50 OHMS. RF OUTPUT HIGH 100MV, LOW 5 MV. USES MICROMETER TYPE FREQUENCY READOUT. TUBES OD3, 6Y6, 5U4, 6AC7, 6SN7, 6SL7, 2D21, 6C4, 2/2K25. POWER REQUIRED 105-125V 50-60HZ. SIZE 19½x9x17. SH WT 45 LB
USED REPARABLE, GOOD 2K25'S $60.00
OLDER STYLE OF ABOVE, 10x12x17. SH WT 40 LBS
USED REPARABLE, GOOD 2K25'S $45.00

VOLTMETER-VLF RECEIVER

ME-71C/FCC AUDIO LEVEL METER COVERING FREQUENCIES FROM 20 KHZ TO 500 KHZ, CONTINUOUSLY TUNEABLE. AS SELECTIVE DETECTOR, THIS UNIT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO +42 DBM, INDICATED ON 3½" RD. METER. INCLUDES 100 KHZ CALIBRATOR. INPUT IMPEDANCE: 10,000 OHMS. WITH AUDIO GAIN AND TWO PHONE JACKS. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 17x14x9. SHPG. WT: 40 LB

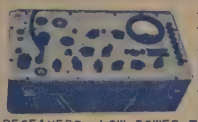
PRICES:	USED REPARABLE	$50.00
	" OPERATIONAL	$79.50
	MANUAL REPRODUCTION	$ 7.50

DISTORTION ANALYZER



HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS IT WILL MALE NOISE MEASURMENTS OF VOLTAGES AS SMAL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLISCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFULL FOR ALL KINDS OF AUDIO MEASUEMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8½x19½x13¾ (RACKMTG) WT: SHPG. 40 LBS. PRICES: USED REPARABLE $185. CHECKED $225.

TS-723-C SPECTRUM ANALYZER, MILITARY VERSION OF HP-330B; USED, REP, $165. CHECKED, $210



TV-7/U ELECTRON TUBE TESTER, DYNAMIC MUTUAL CONDUCTANCE TYPE USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES & TO DETERMINE THE REJECT-LIMITS FOR TUBES USED IN RECEIVERS, LOW POWER TRANS. AND OTHER TYPES OF ELECTRONIC EQUIPMENT. TESTS ARE MADE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONT. PILOT LITES ETC. TEST SOCKETS ARE FOR LOCTAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINIATURE, SUB.-MIN. RD., FLAT, ACORN ETC. ADAPTERS FOR OTHER TYPES ARE LISTED BELOW. POWER REQ. 115 V 50 TO 1000 CYC. TUBE DATA CHART ALSO 7 & 9 PIN TUBE PIN STRAIGHTENERS.

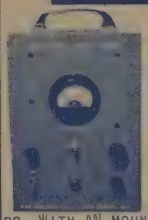
SIZE 6½x8½x15¾: WT. 20 LBS
PRICES: USED REPARABLE $29.95 CHECKED $39.95
ADAPTERS F/2C39 $5, 829/832 $5. MIN LG LD $3

FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, USED WITH FREQ. COUNTERS TO DETERMINE WITH HIGH ACCURACY FREQUENCIES FROM 10 MHZ TO 12.4 GHZ. MEASURES CW, FM, AND PULSE MODULATED RF SIGNALS. AN UNKNOWN SIGNAL IS FED INTO THE USM-144 AND IS COMPARED TO A MIXED FREQ. GENERATED FROM A STABLE AND CONTINUOUSLY ADJUSTABLE FUNDAMENTAL FREQ. FROM 100 TO 220 MHZ. THE DIFFERENCE IN THE UNKNOWN IS SHOWN ON A 2" DIA. (2BP1) SCOPE. FINAL DETERMINATION OF THE INPUT SIGNAL IS MADE BY THE ZERO BEAT OF THE FUNDAMENTAL FREQ. AND THE MULTIPLYING OF THAT VALUE BY THE APPROPRIATE HARMONIC. POWER REQUIRED: 115 VAC 50-440 HZ. SIZE: 19½x13½x13¾, SHPG. WT: 65 LBS. USED, REPARABLE, $99.50

USM-144 MANUAL, PARTIAL REPRODUCTION, $8.50

NOISE GENERATOR



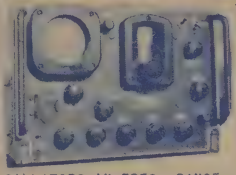
RG-52 MICROWAVE MEGANODE NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16x5½x1½ WT: 2½ LBS. POWER SUPPLY SIZE: 11½x7x7 WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED $25.

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; USED $29.95

TUNED CAVITY

FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING POWER OUTPUT AND FREQUENCY SPECTRUM OF RADAR EQUIPMENT. FEATURES SILVER-PLATED RESONANT CAVITY IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. COVERS 8500 TO 9000 MHZ. 3½" RD. 0-30 U-AMMETER INDICATES STORED ENERGY; WITH IN-23B CRYSTAL DIODE, UG-446 ADAPTER, AND 8' COAX. POWER OBTAINED FROM UNIT UNDER TEST. SIZE: 16x26 x14; SHPG. WT: 40 LBS. UNUSED, $14.95

TS-148 SPECTRUM ANALYZER



TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION—80 DB BELOW 1 WATT/IN. DEFLECTION; SENSIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEPT RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F

WITH TUBES 2K25, 2X2, 3BP1, 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SN7, 884 & 4/991. POW. REQ. 115V 60c SIZE: 19x13½x25; WT: 45 LBS.

TS-148/UP SPECTRUM ANALYZER ONLY USED $50

AN/UPM-33 CONSISTING OF TS-148/UP DESCRIBED ABOVE, PLUS WAVEGUIDES, HORN ANT, CABLE, MANUAL ETC. USED $75.00

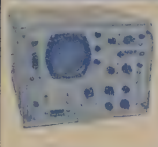
KLYSTRON POWER SUPPLY

GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 UA. REFLECTOR VOLTAGE INTERNALLY MODULATED AT 1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11½x13x7½ SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC).
PRICE: UNUSED $45.00

REFERENCE GENERATOR

SG-323/TSM REFERENCE SIGNAL GENERATOR, USED IN DATA COMMAND SYSTEMS OF FLIGHT COMPUTERS. HAS 69 DIODE-TRANSISTOR LOGIC CARDS WHICH IN TOTAL CONTAIN OVER 300 2N404 TRANSISTORS. ALSO 32 DATA ENTRY SWITCHES PLUS SWITCHING FOR 16 PRESET MESSAGES. A AND B CHANNELS HAVE ODD-EVEN SELECTORS; EIGHT ADDRESS SWITCHES PER CHANNEL. TEST DISPLAY HAS INDICATOR LIGHTS NUMBERED 1, 2, 4, 8, 16, 32, & 64. OPERATING MODES: EXT AUTO, INT AUTO, AND MAN. MANUAL MODE SELECTION; 5 KC, NORMAL, OR ONE SHOT. IN ALL, 67 MINIATURE TOGGLE SWITCHES (MOSTLY SPDT) ARE USED. RCA MFG. POWER INPUT NOT KNOWN. SOLD AS "RECEIVED FROM GOV'T. NOT CHECKED FOR OPERATION." SIZE: 19x7¾x16¾; SHPG. WT: 65 LBS. USED. PRICE: W/CABINET, $55.00; LESS CABINET, $50.

DUAL-TRACE PRICE-CUTS



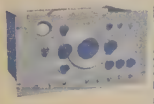
AN/USM-140C OSCILLOSCOPE, DC TO 30 MHZ MAINFRAME, SIMILAR TO H-P 170A. INCLUDES MX-2930 DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 MHZ PASSBAND. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 V./CM. FUNCTIONS: CHANNEL A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM. HORIZ. SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER X1 TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 14½x19x22; SHPG. WT: 110 LBS.
PRICE: USED, REPARABLE, $195. CHECKED, $295.

AN/USM-105A SCOPE WITH DUAL-TRACE PLUG-IN, SAME AS USM-140 EXCEPT DC TO 15 MHZ RESPONSE.
PRICE: USED, REPARABLE, $135. CHECKED, $195.

HEWLETT-PACKARD

H-P 202A LOW FREQUENCY FUNCTION GENERATOR; TRANSIENT FREE VOLTAGES OVER 0.008 HZ TO 1200 HZ IN FIVE RANGES. SINE, SQUARE, AND TRIANGULAR WAVE FORMS. 20¾x12¾x14¾ SHPG. WT: 50 LBS.
PRICE: USED, REPARABLE, $50. MANUAL, $7.50

H-P 212A PULSE GENERATOR; PULSE LENGTH VARIABLE FROM 0.07 TO 10 U-SEC; RISE AND DECAY TIME EACH 20 N-SEC. 50 WATTS PEAK OUTPUT. 20¾x12¾x14¾; SHPG. WT: 60 LBS.
PRICE: USED, REPARABLE, $60.00;
H-P 212A, RACKMOUNT STYLE, USED, REP, $50.00



H-P 540A TRANSFER OSCILLATOR, 10 MHZ TO 5 GHZ WHEN USED WITH COUNTER IN 100 TO 200 MHZ FREQ. RANGE. USES 2BP1 CRT TO TUNE-IN HARMONIC FREQUENCIES; CRT MAY HAVE TRACE BURNS. RACKMOUNT LESS COVERS. SIZE: 19x10½x14¾; SHPG. WT: 47 LBS. USED, REPARABLE, $85.00;
H-P 540A, IN CABINET, USED, REPARABLE, $95.00

H-P 522B ELECTRONIC DECADE COUNTER, 10 HZ TO 120 KHZ FREQ. RANGE; PERIOD: .00001 HZ TO 10 KHZ. TIME INTERVAL: 10 U-SEC TO 100K SEC. RACKMOUNT, 19x10½x13¾; SHPG WT: 60 LBS. USED, REP, $60. MANUAL, $8.50

H-P TEST EQUIPMENT; ALL USED, REPARABLE.

H-P 400L,-LR LOGARITHMIC VTVM, 0.001 THRU 300 VAC RANGES; F/DB MEASUREMENT, $95.
H-P 500BR FREQUENCY METER, 3 HZ-100 KHZ, $60.
H-P 712A POWER SUPPLY, 0-500 VDC 200 MA REGULATED; 6 VAC-T 10 A UNREGULATED. $75.
H-P 684C SWEEP OSCILLATOR, 4-8.1 GHZ, $250.
H-P (DYMEC) 2210 VOLTS-TO-FREQ. CONVERT, $35.
H-P 141A SAMPLING PLUG-IN, DC-4 GHZ, $125.
H-P 1781B SWEEP DELAY PLUG-IN, $60.

H-P 412AR DC VOLTMETER; INDICATES 1 MV TO 1000 VOLTS DC IN 13 RANGES. ALSO 1 U-A TO 1.0 AMP AND 1 OHM TO 100 MEGOHMS. HAS WIDE, MIRRORED SCALE AND A DESIGNED ACCURACY OF 1% ON THE VOLTS SCALE. RACKMOUNT STYLE. SIZE: 19x 5¼x7½; SHPG. WT: 25 LBS.
PRICE: USED, REPARABLE, $100. CHECKED, $125.
H-P 412A DC VOLTMETER, CABINET STYLE OF THE "AR", USED, REPARABLE, $105. CHECKED, $130.

H-P 430C MICROWAVE POWER METER DESIGNED FOR FREQUENCIES UP TO 40 GHZ, BUT SUITABLE FOR RF MEASUREMENTS AS LOW AS 10 MHZ WITH PROPER BOLOMETER (NOT AVAILABLE). ALLOWS FOR POWER READINGS FROM 0.1 TO 10 MW; -20 TO +10 DBM. SEE APRIL '77 HAM RADIO FOR AMATEUR USAGES OF THIS METER. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 7¾x11¾x14¾; SHPG. WT: 20 LB
PRICE: USED, REPARABLE, LESS BOLOMETERS, $40.

TEKTRONIX CA PLUG-IN

TEKTRONIX TYPE CA DUAL-TRACE PLUG-IN, USED IN TEKTRONIX 530 540, AND 550-SERIES SCOPES AND IN SIMILAR SCOPES BY OTHER MANUFACTURERS. FREQ. RESPONSE: DC TO 24 MHZ; 15 N-SEC RISE-TIME. SHPG. WT: 9 LBS.
PRICE: USED, CHECKED, P.U.R.*
TEK TYPE 53/54C DUAL-TRACE, OLDER VERSION OF THE CA, USED, CHKD., $100.

OTHER TEKTRONIX-TYPE OSCILLOSCOPE PLUG-IN VERTICAL AMPS. SOLD IN USED, REPARABLE CONDITION. ADD $10.00 FOR TEKTRONIX MANUFACTURED UNIT UNLESS OTHERWISE NOTED.

TEK TYPE 53/54B, WIDE-BAND, HIGH-GAIN,	$45.
TYPE D, HIGH-GAIN, DC DIFFERENTIAL,	40.
TYPE E, LOW LEVEL, AC DIFFERENTIAL,	45.
TEK TYPE G, WIDE-BAND, DC DIFFERENTIAL,	45.
TEK TYPE 53/54K, FAST-RISE.	50.
TEK TYPE L, FAST-RISE, HIGH-GAIN,	75.
TEK TYPE O, OPERATIONAL AMP,	175.
TEK TYPE P, SAMPLE TEST,	35.
TEK TYPE 80, VERT. COUPLING FOR 580'S	25.
TEK 105 SQUARE-WAVE GEN., 25 HZ-1 MHZ,	65.
TEK 107 SQUARE-WAVE GENERATOR, .4-1 MHZ,	35.

SCOPE CLEARANCE

OSCILLOSCOPE CLEARANCE; EACH SOLD IN USED REPARABLE CONDITION WITH A GOOD CRT TRACE. PLUG-IN TYPE SCOPES INCLUDE YOUR CHOICE OF 530, 540 SERIES SCOPES INCLUDE CHOICE OF G, 53/54K, P, OR 80. ADD $10.00 FOR LAVOIE TYPE L PLUG-IN. QUANTITIES ARE LIMITED.

TEK 315D, DC TO 5 MHZ, 3" CRT,	$165.00
514D, DC TO 10 MHZ,	95.00
524D, TELEVISION SCOPE, DC TO 10 MHZ. SWEEP DELAY.	110.00
524AD, TELEVISION SCOPE, NEWER VERSION W/DELAY, MARKERS,	195.00
532, DC TO 5 MHZ, PLUG-IN TYPE.	195.00
535A, DC TO 15 MHZ, SWEEP DELAY, USES LETTER PLUG-INS,	295.00
CHECKED,	395.00
545, DC TO 30 MHZ, SWEEP DELAY, PLUG-IN TYPE.	$350.00
CHECKED	$425.00
545A, DC TO 30 MHZ, SWEEP DELAY, W/TEK L PLUG-IN, CHECKED,	525.00
555, DC TO 30 MHZ DUAL BEAM SCOPE W/TYPE 21 AND 22 TIME BASES AND POWER SUPPLY; LETTER PLUG-INS IN VERT.,	$595.00
RM565, DC TO 10 MHZ DUAL BEAM SCOPE, REQUIRES "2" AND "3" SERIES PLUG-INS IN VERT.,	
RM567, DIGITAL READOUT SCOPE W/ TYPE 6R1 DISPLAY; REQUIRES TYPE 3S76 AND 3T77 VERT.	$375.00
AMPS (NOT AVAILABLE),	$425.00
570 ELECTRON TUBE CURVE TRACER	275.00

OS-106/USM-117 TRANSISTORIZED SCOPE, DC TO 5 MHZ. WITH MX-2996 HIGH-GAIN VERTICAL PLUG-IN, 4QP2 CRT, PROBES, AND COVER. SIZE: 8x9¾x16½; SH WT: 28 LBS. USED, EXC., P.U.R.*

HICKOK 1805 SCOPE, SIMILAR TO TEK 535; WITH CHOICE OF PLUG-IN, $225.00; CHECKED, $320.00

LAVOIE LA-545 SCOPE, SIMILAR TO TEK 545; W/ CHOICE OF PLUG-IN, $250.00 ; CHECKED, $350.00

ANALAB 1100R DUAL CHANNEL SCOPE WITH MODEL 700 PLUG-IN. DC-500 KHZ, RACKMOUNT, $100.00

HEWLETT-PACKARD 120A SCOPE, DC TO 200 KHZ, 5" DISPLAY. REPARABLE, $95.00; CHECKED, $125

LUMATRON 120 SAMPLING SCOPE; DC TO 1 GHZ, 350 PS RISETIME; DUAL-TRACE. USED, REP, $295

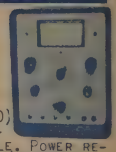
H-P 175A SCOPE, W/1780A HORZ. AND 1752B HIGH GAIN VERT. AMPS. DC TO 50 MHZ; DUAL TRACE CAPABILITIES. USED, REPARABLE, $425.00

H-P 185B SAMPLING SCOPE WITH 187B DUAL TRACE VERT. AMP; DC TO 1000 MHZ. REPARABLE, $495.

DUMONT 401 SCOPE, DC TO 500 KHZ, CHKD., $100.

DUMONT 304 SCOPE, DC TO 100 KHZ. CHKD., $85.

GREIBACH INSTRUMENTS

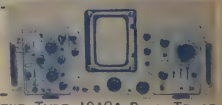


GREIBACH Z300 ZENER IMPEDANCE METER; COVERS THE FOLLOWING VOLTAGE RANGES: 0-40, 40-80, 80-120, 120-160M 160-200, AND 200-240. ZENER WATTAGE RANGE: 0-5, 5-10, AND 10-20 WATTS. FUNCTION SELECTOR/SCALER FOR 1 (x1, x10, x100); 1 (x1, x10) AND Z (x100, x10, x1). INSTRUCTIONS AND SCHEMATIC NOT AVAILABLE. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 7-5/8x10½x8; SHPG. WT: 17 LBS. UNUSED, NOT CHECKED, $45.

GREIBACH INSTRUMENTS MODEL V210 TRANSIENT VOLTAGE INDICATOR WITH SCALES 100 V., 300 V., 1000 V., AND 3000 V. VOLTAGE STANDARD IS SET ON 4" WIDE METER (FS-50 U-A) AND EACH INSTANCE IN WHICH THE STANDARD IS EXCEEDED IS COUNTED A SIX DIGIT COUNTER. INCLUDES HIGH VOLTAGE PROBE. POWER REQUIRED: 115 VAC 60 HZ AND FIVE "D" CELL BATTERIES (NOT INCLUDED). 10x7¾x8; 14 LBS.
PRICE: UNUSED, NOT CHECKED, $60.

GREIBACH MODEL V200 TRANSIENT VOLTAGE INDICATOR, SIMILAR TO MODEL V210, EXCEPT DOES NOT COUNT TRANSIENT VOLTAGE. IN ALUMINUM TRANSIT CASE W/HIGH VOLTAGE PROBE. POWER REQUIRED: 115 VAC 60 HZ AND FIVE "D" CELLS (NOT INCLUDED). SIZE: 6¾x9¾x5; 11 LBS. UNUSED, $35.

100 MHZ OSCILLOSCOPE



TEKTRONIX R647A MODIFIED OSCILLOSCOPE FEATURING DC TO 100 MHZ FREQUENCY RESPONSE, DUAL-TRACE CAPABILITIES, AND SOLID-STATE CIRCUITRY. UNIT INCLUDES THE TYPE 10A2A DUAL-TRACE AMPLIFIER AND THE TYPE 11B1 TIME BASE MODULES. AMPLITUDE CALIBRATOR GOES FROM 0.2 MV TO 100 VOLTS IN 18 STEPS. THIS SCOPE WITH ITS 14 KV ACCELERATING POTENTIAL ON THE CRT HAS HIGH WRITING SPEED AND IS CONSTRUCTED FOR RUGGED AND SEVERE ENVIRONMENTS. POWER REQUIRED: 90 TO 136 VAC AND FROM 180 TO 272 VAC IN SIX SWITCHABLE RANGES, 45-440 HZ. SIZE: 8¾x19x19, SHPG. WT: 75 LBS.
NOTE: THE MODIFICATION ON THE R647A'S WHICH WE OFFER APPEARS TO BE THE VERTICAL ORIENTATION OF THE 6x10 CM. DISPLAY AS PICTURED ABOVE. THESE UNITS ARE SOLD AS REMOVED FROM SERVICE, LESS THE DISPLAY BEZEL, OPERABLE ON MOST MAJOR FUNCTIONS, BUT NOT LAB CALIBRATED
PRICE: TEK R647A MOD. SCOPE, USED, $750.00

FRONT PANEL MODIFICATION KIT FOR THE ABOVE TEK R647A TO RE-SET IT FOR A HORIZONTAL TRACE RUN. INCLUDES NEW FRONT PANEL, BEZEL, GRATICULE, AND OTHER PARTS. WRITE FOR MORE INFO.

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHZ BANDWIDTH, RISETIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 U-SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 U-SEC RISETIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100 500 AND 2000 U-SEC.
VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS
HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF
INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK
INPUT SENSITIVITY: 10 MV/CM-RMS
CALIBRATION: 1 KHZ ADJUSTABLE 20 TO 200 MV.
EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER.
POWER REQUIRED: 115 VAC 50 TO 1000 HZ
SIZE: 15¾x19½x16¾ WT: 80 LBS. LESS PROBES
PRICE: USED, REPARABLE $75.00
USED, CHECKED $100.00

*P.U.R. = PRICE UPON REQUEST

TRANSISTORIZED SCOPE

HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 TO 10 V./DIV. IN 7-STEPS); TIME BASE (1 U-SEC TO 10 M-SEC IN 5-STEPS); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 HZ OR 12 VDC 1 AMP. SIZE: 9x17x25, SHPG. WT: 60 LBS. PRICE: USED, REPARABLE $50.00

TELETYPEWRITER SCOPE

TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60,75,100 WPM 7.42 CODE, AND BAUD SPEED EQUIVELENTS TO 60,75,100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3KP1, 5651, 0A2, 3/12AT7, 6X4, OB2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SH WT 24 LBS. USED GOOD TRANS, CRT $34.95

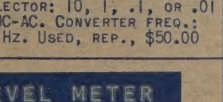
ME-9 MULTIMETER

ME-9/TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOM. 1000 OHMS/VOLT AC-DC SENSITIVITY OR 20,000 OHMS/V. SENS. DC ONLY. MEASURES AC-DC VOLTS FROM 2.5 TO 1000 V. IN SIX RANGES. DC AMPS FROM 250 U-AMPS TO 10 AMPS IN EIGHT SCALES; OHMS FROM X1 TO X10K. WITH 4" METER (FS=50 UA); JACK FOR 5000 VDC @ 20,000 OHMS/V.; AND TEST LEADS. REQUIRES THREE 4½ VDC AND ONE ⅜ VDC BATTERIES (NOT AVAILABLE). SIZE: 11¼x8¼x6; SHPG. WT: 7 LBS. USED.
PRICE: REPARABLE, $29.95; CHECKED, $39.95

TS-375/U VACUUM TUBE VOLTMETER, AC VOLTS RANGES FROM 1.2 TO 120 VAC IN SIX STEPS; DC VOLTS FROM 1.2 TO 300 VDC. FREQUENCY RESPONSE FROM PANEL TERMINALS: 40 HZ TO 50 KHZ; OR 10 KHZ TO 150 MHZ USING PROBES. WITH BOTH AC AND DC PROBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 10⅞x10⅞x6¾; SHPG. WT: 23 LBS. USED.
PRICE: REPARABLE, $18.95; CHECKED, $34.95

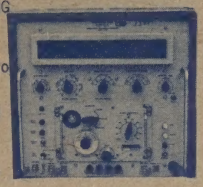
FLUKE 803R DC-AC DIFFERENTIAL VOLTMETER, MEASURE 0-500 VOLTS DC OR AC. DECADE-TYPE NULL RANGE SELECTOR: 10, 1, .1, OR .01 DC-AC. CONVERTER FREQ.: 30-50 HZ. 115 VAC 60 HZ. USED, REP., $50.00

AUDIO LEVEL METER



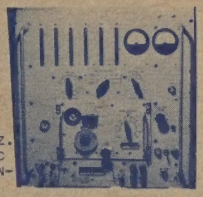
DAVEN TR-924C AUDIO LEVEL METER; AS TERMINATING INSTRUMENT, IT INDICATES -40 TO +20 DB; -20 TO +20 DB WHEN BRIDGING. INPUT IMPEDANCE: 600 OHMS BALANCED (TERM.) OR 12,500 OHMS (BRIDGE). FREQ. RESPONSE: 50-10,000 HZ @ ±0.1 DB; 20 TO 20,000 HZ @ -2.0 TO 0.5 DB. TRANSISTORIZED. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x5¼x7¼, SHPG. WT: 23 LBS.
PRICE: USED, $50.00

DIGITAL COUNTER

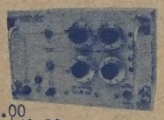


NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHZ WHICH CAN BE EXTENDED TO 1000 MHZ WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF. ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHZ TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHZ OSCILLATOR. HOWEVER, THE 1 MHZ OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ SIZE: 19¾x19x17½ SHPG. WT: 110 LBS.
PRICE: USED, LESS 1 MHZ OSCILLATOR, $95.00

HP-524B COUNTER, 6 DECADE READOUT, SIMILAR TO FR-38, USES SAME PLUG-INS AS OTHER COUNTERS, PLUG-INS LISTED BELOW.
PRICES: USED, REPARABLE $150 CHECKED $225.00



FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHZ; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHZ. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY @ 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHZ .001%. POWER REQUIRED: 115v AC 50 - 1000 HZ. SIZE: 19¼x19x18¾ WT: 125 LBS.
PRICE: USED, REPARABLE $125.00 CHECKED $175.



COUNTER PLUG-INS FOR HP-524 SERIES OR SIMILAR TYPE COUNTER. USED, REPARABLE.
HP-525A 10-100 MHZ, $60.
HP-525B 100-200 ", $75.
HP-525C 100-500 ",, $135.
HP-526A VIDEO AMP, $40.
HP-526B TIME INTERVAL, $35.00
HP-526C PERIOD MULTIPLIER, $40.00
TRANSIT CASES F/525-526 PLUG-INS. STEEL (11x8x8), $5.00. FIBERGLASS (14½x9½x9), $10.00

BECKMAN COUNTERS

BECKMAN 7360 UNIVERSAL E/PUT METER AND TIMER, INDICATES E/PUT, PERIOD, AND TIME. DC TO 1 MHZ RESPONSE; PERIOD: 1 U-SEC TO 10 SEC. SEVEN DECADES. 22x10x16; SHPG. WT: 65 LBS. USED, REP., $50.
7370 UNIVERSAL E/PUT METER, SIMILAR TO 7360 EXCEPT DC TO 11.5 MHZ. USED, REPARABLE, $75.
7175N FREQUENCY METER, 10 HZ TO 110 MHZ, 8-DECADES. 10x19x15, 50 LBS. USED, REP., $100.

NON-LINEAR SYSTEMS DIGITAL DC VOLTMETERS WITH RATCHET-TYPE 1¼" HIGH READOUTS; AC POWERED. USED, REPARABLE.

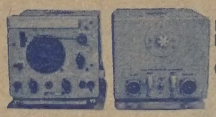
MODEL 481	9.999 TO 499.9 VDC,		$35.00
484A	9.999 TO 999.9 VDC,	AUTO,	45.00
64	0.001 TO 499.9 VDC,	SCALER,	40.00
V64	0.001 TO 999.9 VDC,	" ,	55.00
V35B	0.0001-999.99 VDC,	TRANSISTOR,	$85.

AD-YU 405 PRECISION PHASE METER, INDICATES PHASE ANGLE IN RANGES: 0-12°, 0-36°, 0-90°, AND 0-180°. FREQ. RANGE 8 HZ TO 40 KHZ AND UP TO 100 KHZ. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 20x12x10½, WT: 30 LBS. REPARABLE, $65.

FREQUENCY METERS

AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OF UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S VOLTAGES. W/CALIBRATION BOOK SIZE: 13¾x12x13¾; WT: 29 LBS.

PRICE: USED, CHECKED, $125.00; URM-32 WITH 115 V. 60 HZ. POWER SUPPLY, $150.00



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS. DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.

FREQUENCY METER SIZE: 8½x8x8¾; WT: 14 LBS.
POWER SUPPLY SIZE: 8½x8½x8; WT: 15 LBS.
PRICES: USED, COMPLETE, $24.95; CHECKED, $50.
POWER INPUT CONN. F/LM-21 EACH 2.00
POWER SUPPLY " 2 REQUIRED " 2.00
SHOCKMOUNT $2.50 MANUAL 7.50

BC-221 FREQUENCY METER, 125 TO 20,000 KHZ; REQUIRES 6 VDC 0.9 AMP AND 135 VDC 20 MA. SIZE: 10x13¾x10; SHPG. WT: 30 LBS. USED, REPARABLE, $60.00; CHECKED, $70.00 USED, REP. LESS CALIBRATION BOOK, $45.00

TS-323 FREQUENCY METER, 20 TO 480 MHZ; REQUIRES 6 VDC AND 45 VDC. 15x12x10; 35 LBS. USED, REPARABLE, $50.00; CHECKED, $65.00

115 VAC 60 HZ POWER SUPPLY FOR EITHER BC-221 OR TS-323 (SPECIFY); OUR CONSTRUCTION, $25.

COMMERCIAL TEST EQUIP

USED, REPARABLE CONDITION. IF NOT SATISFIED, EQUIPMENT MAY BE RETURNED WITHIN 10 DAYS OF RECEIPT AND THE PURCHASE PRICE WILL BE REFUNDED. QUANTITIES ARE LIMITED.

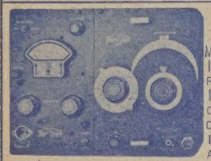
BALLENTINE 220A DECADE AMP,	$25.
BALLENTINE 300 VTVM, 1 MV TO 100 VAC,	$25.
BALLENTINE 305 VTVM, 1 MV TO 1000 VAC,	$45.
BOONTON 202-J TELEMETRY SIGNAL GENERATOR, 195-270 MHZ AM-FM,	$475.
BOONTON 207E UNIVERTER F/202B SIGNAL GENERATOR; ADDS 100 KHZ-50 MHZ RANGE,	$65.
BOONTON 207H UNIVERTER F/202H, -J,	$110.
BOONTON 240A SWEEP GENERATOR, AM-FM,	$225.
BOONTON 275A TRANSISTOR TESTER,	$195.
GENERAL RADIO 546-C MICROVOLTER,	$60.
GENERAL RADIO 716-CSI CAP. BRIDGE,	$125.
GENERAL RADIO 740B CAP. BRIDGE,	$75.
GENERAL RADIO 1001-A STANDARD SIGNAL GENERATOR, 5 KHZ TO 50 MHZ AM,	$195.
GENERAL RADIO 1304B BEAT-FREQ. AUDIO,	$125.
GENERAL RADIO 1932A DISTORTION ANALZ,	$165.
KAY RADA-PULSER SR.PULSE GEN. 12-80 MHZ,	$45
MARCONI TF-971D FM DEVIATION METER.	$525.
MEASUREMENTS MODEL 80 SIGNAL GENERATOR 2.0 TO 400 MHZ AM,	P.U.R.
NEW LONDON 252 AM MODULATION METER,	$75.
RUTHERFORD 816 PULSE GEN., TRANSISTOR,	$125.
SIERRA 215A-50 VHF POWER SOURCE, 25 TO 50 MHZ, 175 MA PLATE CURRENT,	$195.
SIERRA 215A-150 VHF POWER SOURCE, 50 TO 150 MHZ, 175 MA PLATE CURRENT,	$225.
TSI 361-R UNIVERSAL COUNTER; 10 HZ TO 2.5 MHZ, DUAL CHANNEL, TIME INTERVAL. TRANSISTORIZED; 3½x19x16, 27 LBS, SHPG,	$175.
AG3 AUDIO GENERATOR, 35 HZ TO 35 KHZ,	$40.

SANBORN 150 SERIES CHART RECORDER COMPONENTS; DC AMPLIFIERS, PRINTERS, CABINETS, ETC. WRITE US ABOUT YOUR SPECIFIC NEEDS.

MICROWAVE GENERATOR

TS-147/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11½x18½x12½; WT: 35 LBS.

TS-147A/UP.....$49.50 USED
TS-147B/UP.....60.00 USED
TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60CY. SIZE: 20½x14½x10½; WT: 40 LBS. COND. USED PRICE: $150.00 CHECKED FOR OPERATION $25 EX.

MULTIMETER

ME-26D/U MULTIMETER MEASURES AC OR DC VOLTAGES AND RESISTANCES AT FREQUENCIES FROM 20 HZ TO 700 MHZ. AC VOLTS SCALE: 0 TO 1, 3, 10, 30, 100, AND 300 VAC. DC VOLTS RANGE: 0 TO 1, 3, 10, 30, 100, 300, AND 1000 VDC. RESISTANCES MEASURED FROM 0 TO 500 MEGOHMS IN SEVEN RANGES. DC INPUT IMPEDANCE: 122 MEGOHMS; AC INPUT IMPED: MORE THAN 0.1 MEGOHMS AT 100 MHZ. UNITS ARE COMPLETE WITH PROBES, EXCEPT TIPS OF AC PROBES ARE MISSING. POWER REQUIRED: 115/230 VAC 50-1000 HZ.
SIZE: 7x11x7½ SHPG. WT: 15 LBS.
PRICE USED REPARABLE $55.00, USED CKD $75.00

OSCILLOSCOPE

TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2API CRT. BANDWIDTH: 30 HZ TO 1 MHZ. RISETIME: 0.25 TO 30,000 U-SEC.
SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2API. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20½x9x8 SHPG. WT: 40LB
PRICE: USED, REPARABLE $34.95 CHECKED $49.95

TEK & H-P MANUALS

TECH MANUALS FOR THE FOLLOWING TEKTRONIX AND HEWLETT-PACKARD TEST EQUIPMENT:

TEK B	$7.50	TEK 82	$7.50
CA	7.50	130	5.00
D	7.50	131	5.00
G	6.00	132	5.00
H	7.50	453	10.00
K	7.50	454	10.00
L	7.50		
W	6.00	H-P 202A	8.50
		212A	8.50
1A2	7.50	410B	8.50
1A4	7.50	412A	8.50
1A5	7.50	522B	8.50

TS-510A SIGNAL GENERATOR

TS-510A/USM-44A SIGNAL GENERATOR, 10 TO 420 MHZ AM, CW, AND PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ. EXTERNAL MOD: 100 HZ TO 20 KHZ. OUT PUT: 0.1 U-VOLT TO 0.5 VOLT INTO A 50 OHM LOAD. LARGE 3½" ROUND METERS INDICATE PERCENT MODULATION AND OUTPUT VOLTS-DBM. WITH BUILT-IN 1 MHZ AND 5 MHZ CRYSTAL CALIBRATOR. SIMILAR TO HEWLETT-PACKARD 608D. POWER REQUIRED: 115/230 VAC 50-1000 HZ. 13½x16½x21; 80 LBS. PRICE: USED, REPARABLE, $300. CHECKED, $395.

TS-510/USM-44; SAME AS ABOVE, BUT WITH ONLY 5 MHZ CALIBRATOR. REP, $275. CHECKED, $375.

MULTI-PURPOSE TEST SET

AN/TRM-1 SIGNAL GENERATOR AND POWER METER. 0.19-400 MHZ AM; DESIGNED TO PROVIDE PERFORMANCE MEASUREMENTS ON RECEIVERS AND TRANSMITTERS SUCH AS PERCENT MODULATION, POWER OUTPUT, AND CARRIER LEVEL SHIFT. CONSISTS OF TWO RF OSCILLATORS; SG-32 5 RANGES, 0.19-30 MHZ, AND SG-33, 30-400 MHZ MODULATED INTERNALLY 0-60% 1000 HZ OR EXTERNALLY 200-6000 HZ. EACH HAS A NINE STEP FIXED ATTENUATOR 2.5-100000 UV, 50 OHM IMPEDANCE. ALSO VOLT/MW METER: DCV 3,30,300,600 @ 20K Ω/V. ACV: 3,30,300 @ 5K Ω/V. MW,10,100,1000 200-6000 HZ, INPUT IMP 300 OHMS. RF WATTS 3-100 OVER RANGE 0.19-400 MHZ THROUGH THE USE OF CU-413 AND CU-220 COUPLERS WHEN USED WITH THE APPROPRIATE DUMMY LOAD. (COUPLERS AND LOAD NOT INCLUDED.) POWER REQUIRED: 115 VAC 60 HZ. SIZE: 18x13x8; SHPG. WT: 65 LBS.
PRICE: USED, REPARABLE, $195.00
USED, CHECKED, 260.00

ACCESSORIES FOR AN/TRM-1. QUANTITY LIMITED

MX-1652	ANTENNA SIMULATOR, REC	$5.00
MX-2079	TEST ADAPTER 50 OHM	5.00
CN-399	FIXED ATTENUATOR 6 DB	5.00
CN-287	FIXED ATTENUATOR 12 DB	5.00
CX-3049	SPECIAL PURPOSE CABLE	5.00

MANUAL FOR TRM-1; PARTIAL REPRODUCTION WITH OPERATING, SERVICE INFO, SCHEMATICS, $10.00

MILITARY TEST SETS; ALL USED, REPARABLE. ACCESSORIES EXTRA; WRITE FOR MORE INFO.

AN/TRM-3 AM-FM SWEEP GENERATOR,	P.U.R.*
AN/UPM-99 RADAR BEACON TEST SET,	P.U.R.*
AN/URM-25D SIGNAL GENERATOR,	P.U.R.*
AN/URM-76 TEST METER FOR ARC-34,	$49.95
I-95 FIELD STRENGTH METER F/SCR-522,	19.95
I-96 SIGNAL GENERATOR F/SCR-522,	39.50
ME-30A VTVM, .001-300 VAC, MIL-HP-400D,	$75.
ME-51 POWER METER, 3.1-3.5 GHZ,	15.00
ME-82 WATTMETER, 50-600 MHZ, 0-120 W,	$85.
SG-12 SIG. GENERATOR, 20-100 MHZ,	P.U.R.*
TS-251 LORAN TEST SET,	45.00
TS-305B POWER METER, 220-320 MHZ,	59.50
TS-403 SIGNAL GENERATOR, 1.8-4.2 GHZ,	P.U.R.*
TS-419 SIGNAL GENERATOR, .9-1.2 GHZ,	P.U.R.*

COMPUTER DATA ENTRY

DATA ENTRY KEYBOARD, USED ORIGINALLY FOR REMOTE ACCESS TO A COMPUTER FOR INVENTORY OR CREDIT CHECK. UNIT CONSISTS OF 16-BUTTON KEYBOARD WITH NUMBERS 0-9, INQ, ENTER $, SEND, CHECK, DATA, AND A BLANK. LOGIC CIRCUIT BOARD FEATURES A CV1412B1 CHIP. DIGIT DISPLAY BOARD HAS TEN LED'S INCLUDING FOUR 7-SEGMENT FND70351 READOUTS WITH SPACE FOR FOUR MORE. SET IN RUGGED PLASTIC HOUSING. WITH 20-CONTACT CONNECTOR FOR POWER AND COMPUTER ACCESS. NOT GUARANTEED OPERATIONAL. 6½x8½x3, 6 LBS. #DATA-4105, USED, $12.95

EIGHT LEVEL PAPER TAPE PUNCH, SIMILIAR TO THOSE USED ON TELETYPE MACHINES. COULD BE USED TO MAKE TAPES FOR THE TAPE READER. UNIT CONSISTS OF SOLENOIDS, DIES, AND DRIVE MECHANISM, NO MOTOR, NO ENCODING. 8x5½x5½, SH WT 6 LBS. GOOD COND. $14.95

DATA KEYBOARD

#KEY735 #KEY736

KEYBOARDS SHOWN ABOVE HAVE NO DECODING ELECTRONICS. EACH KEY SWITCH HAS INDIVIDUAL CONTACTS. APPROX THREE FEET OF CABLE ON EACH KEYBOARD. SHIPPING WT 12 LBS.

735 KEYBOARD HAS 49 KEYS PLUS SPACE BAR; 11/TEN VOLT LAMPS; 2 IN SPEAKER; 2 MIN. TOGGLE SWITCHES; SODECO 24VDC 53MA 101MP/S REBETTABLI COUNTER. 14x7½x3½ #KEY735 $22.00

736 KEYBOARD HAS 48 KEYS AND SPACE BAR; 40/TEN VOLT LAMPS; 2 IN SPEAKER; 8 MIN. TOGGLE SWITCHES, SODECO 24VDC 200 OHM 251MP/S RESETTABLE COUNTER. 14½x9x3 3/4 #KEY736 $26.00

CONTROL ASSEMBLIES ON 9x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPG WT. 4 LBS EA. SIMILIAR TO PICTURE ORDER BY NUMBER

TRANSISTOR CONTROL ASSEMBLY WITH DIODES.

8/TO-3 60V (SIMILIAR TO 2N3055) AND 8/TO-66 (SIMILIAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/3OHM 3W RESISTORS, 8/DO-4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 $5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/TO-3 AND 8/TO-66 AND EMITTER RESISTORS AS ABOVE. SMALL DIODES AND RESISTORS #0425 $5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9X4 IN. 8/100V TO-3 AND 2/60V TO-66 TRANSISTORS. FIVE 0.4 OHM 10 W RESISTORS, MORE.#095-8139 $4.00

SOLENOID DRIVER ASSEMBLY WITH 6/70MFD 300V CAPACITORS, 6/ 60 OHM 3% 10WATT DALE RESISTO TRANSISTORS AND DIODES. 3LB #340C4587 $3.50

SOLENOID DRIVER ASSEMBLY WITH 4 TO-3 100V GERMANIUM TRANSISTORS ON HEATSINK, 4/110MFD 75 VOLT CAPACITORS, EMITTER RESISTORS AND OTHER COMPONENTS.4LB #340D3068 $1.00

REED RELAY

REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

#5336 1/DPST, 4/5PST, 2/4PST, MERCURY WETTED RELAY SPDT, 26 DIODES. $3.95

#5341 3/4PST, 3/3PST, 2/2PST, 5PST, MERCURY WETTED SPDT, 23 DIODES $4.95

#5346 12/SPST, DPST, 2/DPST MERCURY WETTED. 5 TRANSISTORS, 51 DIODES, 3/25MFD 50V 47 MFD 35V $5.95

#5351 10/SPST, 10/DPST, 90 DIODES $7.95

#5361 3/DPST, 4/SPST, MERCURY WETTED SPDT 6 TRANSISTORS, 24 DIODES, CAPACITORS DIODES, RESISTORS. $3.95

#998-0115153 4/3PST, 2/2PST, SPDT MERCURY WETTED RELAY, 22 DIODES. $3.95

#3150341 8 CLARE HGSM 7004 MERCURY WETTED RELAYS, SPDT. $3.95

#E40380 MAGNETIC REED SWITCHES WITH BIAS MAGNETS ON BOARD. 68/BOARD $4.95

TALLY OSCILLATOR; 2N3643, 9/2N3565, 39 NICE CAPACITORS .001 TO .47 @ 50V. FERRITE CORE COILS: 81.9, 72.5, 44.7, 42.9, 35.6, 34.9, 30.2.MHY. #601748 $2.95

TALLY RECEIVER; 15 MINI-DIP 741, 2 IN SOCKET 723 VOLTAGE REG IN SOCKET, 4 TRANSISTORS, 6 TRIMPOTS, CAPACITORS, RESISTORS ETC SH WT 1LB #601740 $3.95

TALLY LOGIC; 26/2N3643, 2N6027, 3/324, TWO 16 PINSOCKETS, 500MFD 75V, 2/200MFD 25V 4MINI POTS, RESISTORS,CAPACITOS, DIODES SH WT 2 LBS #691746 $3.50

READ AND SWITCH CORE CURRENT SOURCE. 2/8V REFERENCE DIODES, 2 TRANSISTORS ON HEATSINK. 6 SECTION INDUCTOR, 75 OHM 25 WATT RHEOSTAT DALE 31 OHM 1% 25 WATT RESISTOR. SH WT 4 LBS #315CURRENT SOURCE $2.50

*P.U.R. = PRICE UPON REQUEST

FLUORESCENT DISPLAY 12 DIGIT DG1001, 1 1/8 IN WITH 1/4 INCH DISPLAY, 27 TRANSISTORS AND ASSOCIATED RESISTORS AND CAPACITORS. SH WT 3 LBS #QP3666 $7.95

14 DIGIT FLOURESCENT DISPLAY. CONSISTS OF 14 MG-17F 1⅛ INCH TUBES WITH 3/8 INCH DISPLAY, 31 TRANSISTORS, 22 CAPACITORS, DIODES, RESISTORS. TUBES ARE ON PLUG-IN ASSEMBLY (22 PIN) 8½x3 3/4x2¼. SH WT 3LB #QP-2704 $6.95

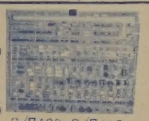
NEON NUMERICAL DISPLAY, 3/4 INCH, 0-9, 16 TUBES ON PANEL. VOLTAGE REQUIRED 150-170VDC SIZE: 12x4, SH WT 3 LB. #N11AMCL48 $3.95

DIODE MATRIX 34 X 20 CONTAINS 90 DIODES 1N4004 OR EQUAL. 6x11 #005330 $3.95

DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES WITH 22 PIN SOCKET. 7x4½. #2010200 $2.95

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52 BOARD SIZE 13x13x1¼ #2162301 5 LB $6.95

SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX 65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST 7x4½x¼ #2006000 $3.95



SWITCH NETWORK DIGITAL AND LINEAR IC BOARD. 3352.8KHZ CRYSTAL, 3/2 POLE 4 POS, AND 1/3P2P PC ROTARY SWITCHES. 4 MULTI TURN POTS. 38/72301 OP-AMPS, 2/MC1448, 944DC, 5/9016, 4/7408, 3/NE565, 74195 2/SN29007, 2/74161, 2/74109, 3/7400, 2/7410 2/9602, SP380, SP363. 11x13½, WT 5LB. SEVERAL HUNDRED RES, CAP, DIODE, #9829 $8.95

100 KHZ CRYSTAL BOARD; BLILEY HB-3 100.00KHZ CRYSTAL, 40 TRANSISTORS, RESISTORS, CAPACITORS ETC. 1 LB. #CUC211 2000 $3.95

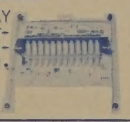
VOLTAGE REGULATOR 3/723, 2/ TO-66 TRANSISTOR 4 TRANSISTORS, 9 TRIMMER RESISTORS, DIODE BRIDGE, THERMISTORS. #6200673 $2.00

CONTROL BOARD 162407, FAIRCHILD TTL 95 IC'S 17/9002, 15/9003, 11/9009, 10/9007, 8/9016 25/9024, 2/9300, 9301, 9310, 3/9316, 2/4510 PRESETTABLE DECADE UP/DOWN COUNTER. 3LBS 9½x11½ #162407 $5.95

FAIRCHILD IC'S 4/9002, 2/9015, 2/9016, 74180 3/9024, 2/9602, 9/2N2222, RESISTORS, CAPS, DIODES SH WT 2LB #C200504G1 $1.95

LINEAR IC'S; CA3001, 5/CA3018, NE 531, 2N4919 18 TRANSISTORS, DIODES RESISTORS, CAPACITORS SH ST 1 LB #54224107 $1.00

100 KHZ CRYSTAL CIRCUIT BOARD, WITH CRYSTALS 100 KHZ (CR-50), 33.36 KHZ, AND 12 KHZ INCLUDING HOLDERS. ALSO SIX 44 MH AND TWO 6 MH POTTED COILS PLUS OTHER REUSABLE PARTS. 6¾x9¾; 3 LBS. #650784, $4.95



TWELVE DIGIT FLUORESCENT DISPLAY #POS2, 3/8" DIGITS WITH CHARACTERS 0 THRU 9, -, -, ', AND DECIMAL POINT. TUBES ABOUT 2" HIGH. ALSO 2/M5812 COUNTER IC'S, 27 TRANSISTORS, AND OTHER PARTS. 9x8½x2½, SHPG. WT: 4 LBS.

P C CARD RACK

PC CARD RACKS FOR 4¾ x 6¾ DOUBLE SIDE CARD. 1/16x1/32 W W PINS. CR735; 38 CARD GUIDES WITH 33 22 PIN DOUBLE EDGE CONNECTORS 13½x18½x9 WT 15LB #CR735 $18.00

I C SOCKETS

I.C. THREE LEVEL WIRE WRAP SOCKETS

14 PIN WIRE WRAP	35¢ EA.	6/$2.00
16 PIN WIRE WRAP	40¢ EA.	6/$2.00
14 PIN P.C.	25¢ EA.	5/$1.00
16 PIN P.C.	28¢ EA.	5/$1.00

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLY RATED CONSERVATIVELY AND CONSTRUCTED ON RUGGED STEEL FRAME. UNITS HAVE FRONT VOLTAGE ADJUST ±10%, RUNNING LIGHT, AC RESET. ALSO REATURED IS ADJUSTABLE CURRENT LIMITING AND ADJUSTABLE OVERVOLTAGE PROTECTION. POWER INPUT 115v 60 Hz. REMOVED FROM EQUIPMENT GOOD CONDITION.

AC POWER INPUT PLUG $2.00

RATING	SIZE	SH WT	No.	PRICE
4v 30A	15½x13½x7	65LB	926	$30.00
4v 75A	20x19½x7	125	650	50.00
12v 5A	16x9½x7	35	655	37.50
12v 15A	15½x13½x7	60	654	65.00
12v 25A	15½x19½x7	75	928	75.00
30v 3A	15½x19½x7	38	889	27.50
20 TO 24 5.5A	20x9½x7	47	332	39.95

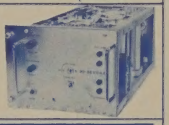
DUAL POWER SUPPLY SAME STYLE AS ABOVE UNITS. +32-36 @ 14.7A AND -32-36 @ 10.3A. TWO INDEPENDENT REGULATORS OPERATING WITH COMMON GROUND BUSS. SIZE 20x14x12. WT 100LB SH WT 125LB. #450 $60.00

HARMONIC REGULATED 24VDC 20 AMPS, VERY HEAVY CONSTRUCTION, SIMILIAR TO ABOVE. CAN SUPPLY 24VDC 30AMPS INTERMITTENTLY. 20x13½x7. SH WT 100 LBS. #6004501 $30.00

12 VDC 4VDC 17.5A

12VDC 3.5 AMPS AND 4VDC 17.5 AMPS WITH CURRENT LIMITING AND OVER VOLTAGE PROTECTION. THE 4 VOLT OUTPUT WILL ADJUST TO 5 VOLTS. SIZE: 14x 8½x6 SH WT 35 LBS. 115v 60 HZ. USED EXCELLENT COND. #9566WC $30.00

POWER SUPPLY SAME AS #9566 ONLY LESS REGULATOR CARDS. HAS OUTPUT TRANSISTORS AND HEATSINKS. AN EXCELLENT FOUNDATION $20.00



32-36 VDC 4.8 AMPS; CONVERSION INFO FOR 12-36 VDC OPERATION INCLD. WITH ADJUST. CURRENT LIMITING AND OVP; 5" COOLING FAN. 9¾x6¾ x19; SHPG. WT: 37 LBS. #32-36V-4.8, $24.95

OPEN FRAME REGULATED

COMPUTER POWER SUPPLY TRANSISTOR REGULATED OPEN CONSTRUCTION WITH ADJUSTABLE VOLTAGE 20% AND CURRENT LIMITING UNITS WHERE OVP IS NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PROTECTION. UNITS ARE USED GOOD CONDTION, REPARARBLE ABLE. PLEASE ORDER BY RATING AND PART NUMBER

RATING	SIZE	SH WT.	NUMBER	
5v 2A	14x4¼x5	16	1012-01	$10.95
5v 2A OVP	"	16	1012-22	12.95
5v 4A	"	16	1014-33	14.95
5v 4A OVP	"	16	1014-24	15.95
5v 20A OVP	14x16¾x5	30	1031-23	25.00
8v 4A OVP	14x4¼x5	16	1014-21	14.00
12v 3A OVP	"	16	1014-22	25.00
12v 6A	14x8¼x5	23	1018-32	35.00
12v 6A OVP	"	23	1018-22	37.00
35 TO 40v 500w OVP	"	60	1037-12	35.00
30v 3A	14x8¼x5	23	1018-23	22.50
30v 3A OVP	"	23	1018-33	25.00

MULTI-VOLTAGE POWER SUPPLIES. THE FOLLOWING POER POWER SUPPLIES HAVE HARMONIC REGULATED POWER TRANSFORMERS. SOME OUTPUTS ARE ALSO TRANSISTOR REGULATED.

PS736 HAS THE FOLLOWING OUTPUTS: 30v 0.5A 30v 1A, 10v 4A REG., 10v 4A REG., 3.6v 1A REG. THE OUTPUTS ARE INDEPENDENT OF EACH OTHER. 22x6½x6. SH WT 30LBS #2090200 $14.95

PS735 HAS THE FOLLOWING OUTPUTS: 30v 0.5A 30v 1A, 10v 0.5A, 10v 1A. 10v OUTPUTS ARE TRANSISTOR REGULATED. 22x6½x6. SH WT 30LB. PS-55685. $11.95

FAIRCHILD SOLID STATE

TECHNOLOGY KIT

0.8" HIGH DISPLAY ARRAYS

FTK0010	12 HOUR, 3½ DIGIT CLOCK DIS.	7.00
FTK0011	24 HOUR, 4 DIGIT CLOCK DIS.	8.00

LED LAMPS

FTK0020	10 RED LED	1.00
FTK0021	5 MIXED COLORS LED	1.00
FTK0022	10 LED MOUNTING CLIPS	1.00
FTK0023	5 THREE PIECE LED MOUNT ADPT	1.00

PHOTO TRANSISTORS

FTK0030	5 FLAT LENS PHOTO TRANSISTOR	1.00
FTK0031	5 ROUND LENS PHOTO TRANS.	1.00
FTK0032	3 FLAT LENS PHOTO DARLINGTON	1.00
FTK0033	3 ROUND LENS PHOTO DARLINGTON	1.00

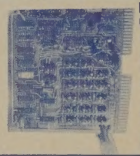
PHOTO ARRAYS

FTK0040	9 ELEMENT TAPE READER ARRAY	16.00
FTK0041	12 ELEMENT TAPE READER	24.00
FTK0042	REFLECTIVE OPTO COUPLER	4.00

COUPLERS

FTK0050	3 GENERAL PURPOSE OPTO COUPL	1.00
FTK0051	DARLINGTON OPTO COUPLER	1.00

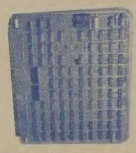
FTK0405 DIRECT DRIVE DIGITAL CLOCK/ CALENDER CIRCUIT (FCM7015), 6.00
FTK0106 AUTOMOBILE CLOCK KIT, $27.95



MICROPROCESSOR CIRCUIT BOARD CONTAINS C4004 P CHANNEL MICRO PROCESSOR, 4/P4001 256x8 BIT PROGRAMMABLE ROM, 2/P4002-1 320 BIT RAM AND 4 BIT OUTPUT PORT, 3/P4003 10 BIT SERIAL IN/PARALLEL OUT, SERIAL OUT SHIFT REGISTER. ALSO HAS 53 TRANSISTORS ON BOARD. 6½x6½ SH WT 2 LB. #IC-07 $12.95

CMOS TTL

25% OFF LIST PRICE WHEN BUYING 3 OR MORE CMOS BOARDS.



CMOS#84293; 3/4001, 2/4002, 5/4009, 2/4010 4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023 2/4025, 2513 A 64x8x5 CHARACTER GENERATOR 7417. 9x7½, SH WT 2LBS #84293 $7.50

CMOS-K1; 6/4008, 4/4009, 4/4011, 2/4012 7/4013, 9/4016, 5/4022, 2/4023, 4024, 5/4040 9x7½, SH. WT. 2 LBS #CMOS 84292 $6.95

CMOS #14007; 4/4001, 2/4011, 2/4013, 4042, 4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESISTORS, CAPACITORS. 1 LB #14007 $2.95

IC BOARD #595254; 3/9322 QUAD 2 INPUT MULTIPLEXER, 7402, 7404, 7406, 7410, 3/7438, 741, 7442. 1 LB #595254 $1.95

IC BOARD #594747; 8/75451 DUAL PERIPHERAL AND DRIVER, 7438, 7474, 74121, 7404, 6/7400, 7402, 7414, TRANSISTORS, RESISTORS, DIODES CAPACITORS 2 LB #594747 $2.95

ENDERSOR DRIVER 4/DM8851 DUAL RETRIGGERABLE MVBR, 7474, 9109 HIGH VOLTAGE HEX INVERTER, 2/7400, 7420, 7406, 18 BYPASS CAPACITORS. TO-3TRANSISTOR ETC 1 LB #484-0001801 $1.50

CARD READER CONTAINS A TEN SECTION SPST DUAL IN LINE SWITCH, A 8 POSITION MINITURE PC. ROTARY SWITCH; 5/7400, 4/7404, 7/7408, 5/7410 4/7420, 7437, 74109, 3/74157, 74180, 9602 2/N82S62, 2/SN29301, NCR 94, 8 IC'S NO CROSS REFERENCE. SH WT 2LBS #315-0529449 $3.50

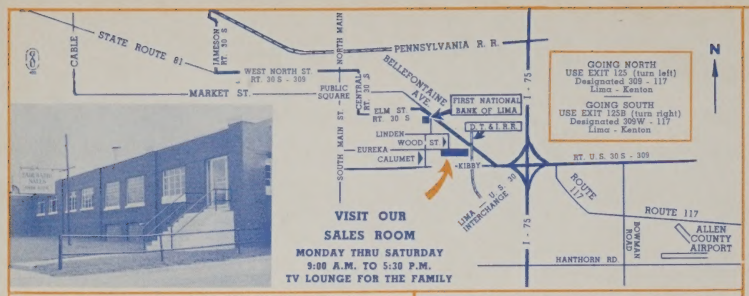
TTL CIRCUIT BOARD 2/7400, 7402, 2/7408, 7410/2 2/74109, 3/ 9016, 3/9602, NE565, CAPACITORS RESISTORS, DIODES. #095-0300644 $1.00

HAMMER CONTROL MRTL IC'S MC817, 4/MC824, 4/MC889, MC892, 2/50K TEN TURN POTS 20 TRANSISTORS, RESISTORS ETC. #2144500 $1.00

CLOCK BOARD 1.000MHZ HB-2 BLILEY CRYSTAL MRTL IC'S 2/MC824, MC826, MC879, 2/MC889 4/MC892. SH WT 2 LB CLOCK #2144700 $4.95

IBM 2315 CARTRIDGE $15.00

22 PIN DOUBLE SIDE P C BOARD SOCKETS SOLDER STYLE, REMOVED FROM EQUIP $1.00EA



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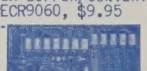
COMPUTER FOUNDATION

DISPLAY CIRCUIT BOARD WITH EIGHT 3/8" 7-SEGMENT LED READOUTS, EIGHT RED LED'S, 15 DARLINGTONS, 8 PNP TRANSISTORS 3/C4003 SHIFT REGISTERS, PLUS OTHER COMPONENTS, BLOCK DIAGRAM. 10x3⅝, #ECR7700, $12.95

COMMUNICATIONS CIRCUIT BOARD, CONTAINS MODEM CARD WITH 7/1458 OP AMPS (NO SCHEMATIC). MAIN BOARD HAS TMS-6011 UART, INPUT SHIFT REGISTERS, AND GATES (TEN IC'S). ALSO INPUT TRANSFORMERS FOR MODEMS, SELECT WIRING FOR 4- OR 2-LINE INPUT, AND LEVELS 0 DBM, -3 DBM, -6 DBM, OR -9 DBM. MODEM INFO, BLOCK DIAGRAM. #ECR9600, $14.95

IMPRINTER LOGIC BOARD, THREE 200 VOLT 4 AMP TRIACS DRIVEN BY CONTACTS OF THREE 12 VDC REED RELAYS. ALSO HAS 2/4003 SHIFT REGISTERS, EIGHT DARLINGTONS, EIGHT PNP'S. 3/9002. AND A 4049 HEX BUFFER/CONVERTER. W/BLOCK DIAGRAM. 10x4, #ECR9060, $9.95



CONTROL CIRCUIT BOARD WITH C4004 4-BIT MICROPROCESSOR, 2/4003 SHIFT REGISTERS, 3/4002 RAM'S, AND 8/4001 ROM'S. ALSO A 4.704 MHZ CRYSTAL, FIVE OTHER IC'S FOR CLOCK AND GATING, 12 IC SOCKETS, BLOC DIAGRAM . 10x5, 3 LBS. #ECR9620, $17.95

MICROCOMPUTER POWER SUPPLY, USES TWO 3-TERMINAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 HZ; OUTPUT: -25 VDC 180 MA; -5 VDC 800 MA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3½x5⅛x4; SHPG. WT: 10 LBS. #ECRPS-744, $15.00

CREDIT CARD SCANNER, USES AN OPTICAL SYSTEM TO READ THE RAISED NUMBERS OF A CREDIT CARD INTO IN PHOTO ARRAY. HAS SMALL AC MOTOR TO DRIVE CARD THROUGH THE READER. ALSO LIGHT AND PLASTIC OPTICS, TWO ROCKWELL IC'S 10561 AND 15120. WITH DIAGRAM OF CONNECTOR WIRING. 5x5x4, #ECR2020, $8.95.

20-KEY KEYBOARD, 5/8" SQUARE BUSINESS KEYS WITH CHARACTERS: 0 THRU 9, CLR, RST, CRED, CASH, IMP, SEND, RET, CODE, $, AND ACCT. TWO BUSSES: ONE FOR NUMBERS; THE OTHER FOR INSTRUCTIONS. SIZE: 4x4¼, WT: 2 LBS. #ECR4835, $3.95

ECR COMPONENT PACKAGE DEAL THE ABOVE SEVEN ITEMS WITH AN ECR-PREFIX WERE ORIGINALLY COMPONENTS OF AN ELECTRONIC CARD READER SYSTEM. THEY MAY BE PURCHASED INDIVIDUALLY AS MARKED OR TOGETHER AS A PACKAGE FOR $59.50.

SEIKI PRINTERS

EP-101 SHINSHU SEIKI DIGITAL PRINTER; 21 COLUMN PRINTER, PRINTS CHARACTERS 0 THRU 9, #, -, OVERFLOW, PROGRAM, PLUS OTHER SPECIALIZED SYMBOLS. USES 3½" WIDE PAPER; PRINTS 2.8 LINES/SECOND. PARALLEL DATA ENTRY. MOTOR REQUIRES 17 VDC (±3 VDC). SIZE: 4x6⅛x5-3/8; SHPG. WT: 7 LBS. USED, REMOVED FROM EQUIPMENT. GOOD CONDITION, $15.

MATRIX PRINTER, VICTOR COMPTOMETER IPM-130, 115 VAC 60 HZ; LESS COVER. UNUSED, $149.50

SPRING SPECIAL

LAMP POWER SUPPLY, OUTPUT 120 V. 9000 HZ. APPROX. HAS TWO 1x4x6 HEATSINKS WITH TWO TO-3 TRANSISTORS EACH. ALSO PLUG-IN CIRCUIT CARDS WITH TRANSISTORS, DIODES, CAPACITORS, ETC. FERRITE CORE AUTO-TRANSFORMERS, 50 OHM 5% 50 WATT RESISTOR. TRANSFORMER INPUT: 115 VAC 60 HZ; OUTPUT: 2/4 VCT 500 MA SIZE: 4⅝x8½x3½; SHPG. WT: 9 LBS. GE#9T68Y1500-G4, W/COVER, $7.95

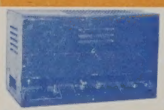
POCKET KNIFE

TL-29 ELECTRICIAN'S POCKET KNIFE WITH 2¾" HIGH-GRADE CUTLERY STEEL BLADE AND 2¼" LOCKING SCREWDRIVER BLADE. HANDLE SIZE: ⅝"W x 5/8"T; FOLDED LENGTH: 3¾". RUGGED PLASTIC SIDES; MADE BY CAMILLUS. SHPG. WT: 1 LBS. UNUSED, $5.95

2-32 MHZ SSB RECEIVER

AN/FRR-59A TRIPLE CONVERSION SSB RECEIVER WITH FULL CARRIER SUPPRESSION FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4) (4-8), (8-16), AND (16-32) MHZ. RECEIVES LSB, USB, AM, CW, AND MCW SIGNALS; LSB AND USB RECEPTION POSSIBLE SIMULTANEOUSLY OR SEPARATELY. INCREMENTAL OR CONTINUOUS DIGITAL TUNING IN 0.5 KHZ STEPS. INTERMEDIATE FREQUENCIES (IF): 1625-1725 KHZ, 220 KHZ, AND 80 KHZ. BUILT-IN 1 MHZ CRYSTAL CALIBRATOR. AF LINE OUTPUT: 60 MW INTO 600 OHMS (MIN.); PHONE OUTPUT: 15 MW INTO 600 OHMS (MAX.). RECOMMENDED ANTENNA TERMINAL IMPEDANCE: 50 OHMS. USES 7- AND 9-PIN 6.3 V. GLASS TUBES. POWER REQUIRED: 105-125 VAC 50/60 HZ (250 WATTS). SIZE: 25¾x22x24; SHPG. WT: 300 LBS. NET WT: 250 LBS. PRICE: USED, REPARABLE $375. CHECKED, $475.

12 - 24 VDC POWER SUPPLY



CPP-2 POWER SUPPLY; OUTPUT: 12 VDC @ 22 AMPS OR 24 VDC @ 11 AMPS. WITH MASTER AND LOAD CONTROL, AND OUTPUT MODE INDICATOR LIGHTS. POWER REQUIRED: 90-130 VAC 60 HZ. SIZE: 11x18¾x10½; SHPG. WT: 90 LBS. USED, $65.00

PORTABLE SIGNAL LIGHT

CANADIAN MORSE CODE SIGNAL LIGHT; MIRRORED REFLECTOR TILTED BY TRIGGER IN HAND GRIP, SIGHTING TUBE ON TOP, 4" CLEAR REPLACEABLE LENSES LISTED BELOW. TEN FOOT CABLE & 12 VDC 31 WATT LAMP. CAN ALSO BE USED AS SPOT LIGHT. COMES IN WOOD CARRYING CASE, 9x6½x8; 15LBS. CAN#5A USED $14.95 EXTRA INTERCHANGEABLE LENSES IN RED, BLUE, GREEN OR CLEAR TINT $1 EA. SET OF 4 $3

EXTRA LAMP $2.00

2 FOR $25.

AUDIO GENERATOR

SG-15/PCM SIGNAL GENERATOR, DESIGNED AS TEST POWER SOURCE FOR TRANSMISSION MEASUREMENT OF CARRIER EQUIPMENT AND WIRE AND CABLE LINES; ALSO CAN BE USED AS AN AUDIO OSCILLATOR. OUTPUT: -54 THRU -26 DBM INTO 600 OHMS FROM 200 HZ TO 35 KHZ ON ONE CONTINUOUS BAND. WITH 2⅝" RD. OUTPUT LEVEL METER, ZERO-BEAT ADJUST, COARSE AND FINE DBM CONTROLS. POWER REQUIRED: 115/230 VAC 50-60 HZ. 8¾x19x13; SH. WT: 50 LBS. USED, REP, $40.

HETERODYNE VOLTMETER

BRUEL & KJAER HETERODYNE VOLTMETER TYPE 2005; DESIGNED FOR MANUAL PLOTTING OF RF SPECTRUM FROM 20 KHZ TO 30 MHZ IN FOUR BANDS. ALSO USED IN MEASUREMENT OF RF RADIATION, HARMONICS, ETC. VOLTAGE RANGE: 15 U-VOLTS TO 150 M-VOLTS; INTERMEDIATE FREQUENCY: 1650 KHZ. UNIT ORIGINALLY USED A SPECIAL HIGH IMPEDANCE INPUT PROBE (NOT AVAILABLE), THAT IS NOT NECESSARY FOR OPERATION. A REPLACEMENT PROBE COULD BE MADE AND THE PROBE'S CONNECTOR MODIFIED FOR STANDARD FITTINGS. THREE 4½x4 METERS INDICATE FREQUENCY, RF, AND MODULATION, RESPECTIVELY; BUILT-IN SPEAKER. MADE IN DENMARK. WITH TUBES: ECH21, 4/EF42, ECC81 (12AT7), ECC82 (12AU7), EZ90, AND 2/0B2. POWER REQUIRED: 115, 127, 150, 220, OR 240 VAC 40-400 HZ. SIZE: 16x20x11; 50 LBS. USED, REPARABLE, W/SCHEMATIC, $99.50

COAXIAL RELAY

SPDT ANTENNA CHANGEOVER RELAY, HEAVY SILVER CONTACTS GOOD FOR AT LEAST 500 WATTS. COIL: 6 V 60 HZ 1 OHM. REQUIRES THREE "N" CONNECTORS. OVERALL SIZE: 3x3⅛x1; SH WT: 2 LBS. REMOVED F/EQUIP. #0-901/T-282, $9.95

UG-21 "N" CONNECTORS, USED-CUT-OFFS, 75¢ EA.